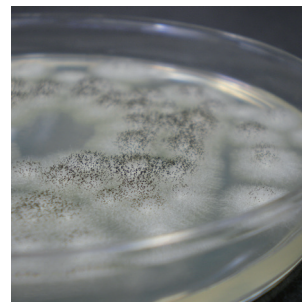
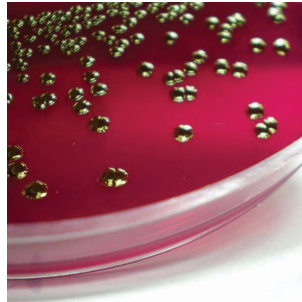




The wise choice



Culture Media for Microbiology CATALOGUE

■ Edition No. 4 ■



Culture Media for Microbiology CATALOGUE

Contents

Introduction of dehydrated and prepared culture media	4
Dehydrated and prepared culture media	8
Additives for culture media	34
Selective supplements	35
Ingredients and chemical products for microbiology	40
Chromogenic media CHROMagar™	41
Chromogenic media Scharlau	47
Reagents for biochemical tests	48
Application tables:	50
Clinical	50
Cosmetics	51
Environmental control	51
Food & beverages	52
Molecular biology	54
Pharma analysis	54
Water analysis	55
Other related products:	56
Easy kits for sampling surfaces	56
Cryoinstant®	58
Reagents for molecular biology	59
Cross references	60
DIFCO - SCHARLAU	60
BBL - SCHARLAU	64
MERCK - SCHARLAU	66
OXOID - SCHARLAU	72
Product index	78
Reference index	83

Culture Media for Microbiology

Dehydrated and prepared culture media: Introduction

Scharlab S.L. offers its media in two different forms: dehydrated and prepared. The product portfolio also includes dyes in solution, reagents, supplements and additives for culture media as well as rapid confirmation tests.

The quality of our media



Scharlab manufactures its dehydrated and prepared culture media according to its own quality management system which is according to ISO 9001:2000 and also following the requirements of a number of validated methods, standards and microbiological guidelines (ISO, AFNOR, European Pharmacopoeia, USP, FDA, etc.).

We confirm, on an ongoing basis, that the final product meets the predetermined quality criteria, including physical, chemical and biological parameters such as appearance, pH, colour, recovery rate, selectivity, differentiation and microbial load.

We also follow the specific criteria for culture media described in different specialised literature (ISO standards, local regulations, etc.). Furthermore, we apply a comprehensive set of criteria tailored to monitor very closely our production and our quality control processes, which include specifications for the most important parameters such as the quality of the water we use, air quality, traceability of raw materials, equipment, records and training of our staff.

Dehydrated culture media



We have an extensive range of dehydrated culture media that is part of the broad portfolio of media Scharlab S.L. manufactures.

The **certificate of analysis** and the **certificate of guarantee of absence of the causative agent of bovine spongiform encephalopathy** in the raw materials of animal origin used in its manufacture are available from our website. Standard sizes we offer are preweighed sachets (2,5L) and 500 g bottle, but we can also provide our media in drums of 5, 10 and 25 kg. We are

able to manufacture many more formulations than those mentioned in this catalogue. Please ask for availability of any medium that is not in this catalogue.

→ We manufacture tailor made media following the formula proposed by our customers.

Dehydrated culture media in preweighed sachets



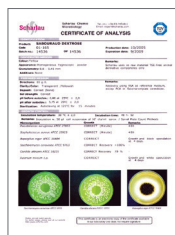
Dehydrated media in sachets are an ideal solution for media used in smaller quantities. The expense of buying a larger 500 g bottle is not incurred. Spoilage of unused medium that may occur when opening a large bottle is also avoided. There is little wastage as the customer is more likely to use 100% of what has been paid for. Valuable time used to weigh the powder can be saved as well as any errors associated with this process.

Our PAC-O-VAC® packaging



This is an additional outer bag for our 500 g presentation of dehydrated media made from air-tight transparent plastic material and packed under vacuum. Our Pac-o-Vac® offers protection of the product against moisture, dust particles and microorganisms and prevents the alteration of the physical and organoleptic properties of the product. This ensures that our products do not alter their properties during prolonged storage, even in unfavourable climate conditions.

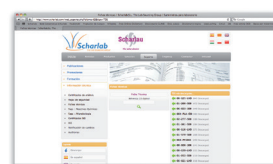
Certificate of analysis



Includes pictures in colour of typical growth.

We have a complete certificate of analysis for every batch which includes physico-chemical data and fertility test with appropriate strains according to different standards and norms.

Technical Data Sheets



These are available from our website www.scharlab.com in PDF format. To make sure the latest information is always available, all the data in this format come from our central data base and is updated automatically, as soon as any changes are made.

Shelf life

The normal shelf life of dehydrated media is 4 years from the date of manufacture. Stability studies have allowed us to increase shelf life of several media to 5 years. There are some exceptions, that due to their formula, have a shorter shelf life.

Additives and supplements in vials

Press-shake-use supplements



diluent. After shaking well, the supplement is ready to be added to the sterile, culture medium. Supplied in a box with 10 vials. Storage conditions are usually between 2-8°C and in darkness. The lifetime of the product ranges between 3 and 4 years depending on the product.

NEW! Freeze-dried supplements



New in this catalogue are the supplements in freeze dried form. Less practical than our unique press-shake-use vials but more economical. Noteworthy the fact that we offer the necessary and sterilised solvents along with the supplements. This enables the user to start with the dissolution of the supplement immediately, saving him from the tedious work of measuring and sterilising the solvents.

Supplied in a box with 5 vials + 5 vials of solvent. Storage conditions are usually between 2-8°C and in darkness. The lifetime of the product ranges between 3 and 4 years depending on the product.

Culture Media for Microbiology

Dehydrated and prepared culture media: Introduction

Prepared culture media

90mm Petri dishes



Manufactured in clean room under laminar flow class ISO 5 (Class 100). The standard presentation is in units of 10 wrapped plates up to a total of 20 plates per box. Also available irradiated and with double wrapping.

Shelf life: 3 months.

Tubes with solid media



Tubes with agar to be re-melted without loss of nutritional capacity or changes in pH. The content of each tube is enough to fill a Petri dish of 90mm, which makes this product suitable for mass inoculation. They come with a metallic cap suitable for microwave re-melting. Each vial contains 15mL and is available in boxes of 20 units. **Shelf life:** 12 months.

Also available in boxes of 20 tubes: double concentrated media, slanted agar media, etc.

55mm filtration plates



55mm plates prepared with a solid medium, to be used in the membrane filtration technique. Commonly used in the study of the pollution of water and liquids in general. Manufactured in clean room under laminar flow class ISO 5 (Class 100). These plates come in a blister pack of 6 plates each. This way plates can be individually compartmentalized. Each box comes packed with 5 blisters

making a total of 30 plates. Finally, each blister comes wrapped in a cellophane bag. **Shelf life:** 6 months.

Tubes with liquid media



Tubes which contain media and have a metallic cap with a special seal that guarantees the sterility and stability of the product. Our filling system guarantees a minimal deviation of the amount to be filled, which is very important to obtain accurate and reproducible results when working with the MPN (Most Probable Number) technique or in routine dilutions. Available in volumes of 20, 5, 10 and 19mL in boxes of 20 units. **Shelf life:** 12 months.

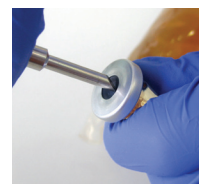
Contact plates



Plates for control tests on surfaces. Manufactured in a clean room under laminar flow class ISO 5 (Class 100). These plates come in a blister pack of 6 plates each. In this way each plate can be individually compartmentalized. Each box contains a total of 5 blister packs with a total of 30 plates. Finally each blister pack comes wrapped in a cellophane bag. Double or triple packaging

is possible. **Shelf life:** 6 months (All plates in this presentation are irradiated as long as the nature of the media allows so).

Broths and diluents in bags (FlexiBags)



This is a packaging designed for laboratories in microbiological food control with a large number of samples. Its most outstanding advantages are:

- Product is ready for use
- Safe
- Cost efficient
- Generates less waste

Dosage: The desired volume of sterile medium is dispensed by means of commercially available gravimetric dilutors.

Connection: By means of a reusable stainless steel needle which is connected aseptically to the bag through a septum. Available in 3 sizes: 2 litres, 3 litres and 5 litres.

Shelf life: 9 months.

Agars in flasks



Agars in flasks to be re-melted with no loss of nutritional capacity or changes in pH. Available in volumes of 100mL and 200mL in boxes of 10 units. Removable label for easy data transfer. **Shelf life:** 12 months.

Storage of prepared media

90mm plates should be stored at a temperature range of 4-14°C (this means that refrigeration can be a storage option). Alternatively plates can also be stored at a range of 2-25°C, whilst still maintaining proper performance of the medium. However some precautions must be taken:

- In a range of 2-4°C, freezing must be avoided.
- In a range of 15-25°C, dehydration must be monitored.

For other products we recommend storage at room temperature, with no need for refrigeration. Our products are manufactured following a production system that guarantees maximum quality and stability of the product throughout its shelf life. To ensure this a number of strict processes and controls are implemented:

- Rigorous control of sterilization temperatures.
- Precision weighing of the ingredients and of the media.
- Homogeneity of lots due to a strictly monitored manufacturing system.
- Excellent recovery of test organisms.
- Packaging specially designed to maintain optimal moisture conditions throughout the life of the product.
- Maintenance of the physical and chemical characteristics of the medium: pH, colour, moisture, etc., throughout its life.

Scharlau also publishes a "Handbook of Microbiological Culture Media". Please ask for your copy or download product specific data sheets from our website.

Culture Media for Microbiology

Dehydrated and prepared culture media: Introduction

Symbols

5 sachets of dehydrated culture medium (to make up 500mL of prepared medium each)		20 tubes of 10mL / 9mL (broth)	
500g / 10 L		20 tubes of 15mL / 10mL (agar)	
20 plates of 90mm		20 slanted agar tubes	
20 irradiated plates of 90mm		2 L / 3 L / 5 L bag	
30 contact plates 24 contact plates (triple packaging)		Supplement LYO (5 vials + 5 vials of solvent) Supplement CASE (10 vials)	
30 filtration plates of 55mm		5kg / 25kg Drum	
10 flasks of 100mL / 200mL / 225mL (broth) 1 flask of 100mL and 1 litre (additive)			
10 flasks of 100mL / 200mL flasks (agar)			

Abbreviations

Abbreviation	Document	Institution / Organization
APHA		American Public Health Association (Washington DC, USA)
AOAC	Official Methods of Analysis of AOAC International	Association of Official Analytical Chemists
ASM		American Society for Microbiology (Washington DC, USA)
ASTM		American Society for Testing Materials
AWWA		American Water Works Association (Washington DC, USA)
BAM	Bacteriological Analytical Manual	Food and Drug Administration (Washington DC, USA)
BP	British Pharmacopoeia	British Pharmacopoeia Commission, The Stationery Office (London)
CEN		Centre Européen pour la Normalisation (Brussels)
CLSI		Clinical Laboratory Standards Institute (Vilanova, PA, USA)
CMPH	Clinical Microbiology Procedures Handbook	American Society for Microbiology (ASM)
COMPF	Compendium of Methods for the microbiological examination of foods	APHA
DIN		Deutsches Institut für Normung (Berlin)
EDQM		European Directorate for the Quality of Medicines
EN	European Norme	Centre Européen pour la Normalisation (Brussels)
EP	European Pharmacopoeia 5th Ed.	EDQM (Strasbourg)
FDA		Food and Drug Administration (Washington DC, USA)
FIL		Federation International Laitière (Brussels)
IDF		International Dairy Federation (Brussels)
IFU	IFU Microbiological Methods	International Federation of Fruit Juice Producers (Switzerland)
HP	Harmonized Pharmacopoeias (European, American and Japanese) European Pharmacopoeia 7th Ed.	EDQM (Strasbourg)
ISO		International Standardization Organization (Geneva, Switzerland)
NCLSS		National Committee for Clinical Laboratory Standards (Vilanova, PA, USA)
NMKL		Nordisk Methodenkomitee für Lebensmittel
SL	Schweizerisches Lebensmittelbuch (Swiss Food Manual)	Bundesamt für Gesundheit, Direktionsbereich Verbraucherschutz (Bern)
SMD	Standard Methods for the Examination of Dairy Products	APHA, (Washington DC, USA)
SMWW	Standard Methods for the examination of Water and Wastewater	APHA, AWWA, WPC
USP	United States Pharmacopoeia - National Formulary USP 28	USP Convention Ltd. (Rockville MD, USA)
WEF		Water Environment Federation (Washington DC, USA)

Notes

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTh: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media: Introduction

All you need to know about GHS

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

The GHS was born in the UN with the purpose of facilitating world-wide commerce whilst at the same time protecting human health and the environment, unifying the different criteria used for classification of dangerous substances that coexist in the world. Each country or economic community has its own legislation and therefore the same substance can be classified, harmful, not dangerous or toxic depending on the place of classification.

CLP: Classification Labelling and Packaging of Substances and Mixtures

The European Union has adopted the GHS by means of a new regulation (EC) no. 1272/2008, also called CLP, that came into force the 20 of January 2009 in all the Member States, and the hope is that it will also be adopted in Norway, Iceland and Liechtenstein in the near future. The CLP will replace the present system of classification and labelling, defined by the directives 67/548/EEC (DSD) and 1999/45/EC (DPD) for substances and mixtures respectively. These directives will become invalid the 1 of June 2015.

The implementation of the CLP is marked in the calendar by two important dates:
1 December 2010: Obligation to classify and to label substances according to the CLP.

1 June 2015: Obligation to classify and to label mixtures according to the CLP.

New Scharlau labels

For the past few months Scharlau has been working on its classification system so that it conforms to CLP. We have also designed new labels that incorporate the new pictograms and the hazardous or precautionary statements. As of today, all our products, leave our production facilities labelled in accordance with CLP.

As a result of the application of CLP we have introduced several changes in elements of our labels:

- Pictograms. The traditional danger symbols with an orange background are replaced by new pictograms on a white background surrounded by a red frame.
- The hazard statements (H) replace the traditional risk phrases (R).
- The precautionary statements (P) replace the present safety phrases (S).
- Signal word. The text that accompanied the pictograms, e. g. "Easily Flammable" disappears. Nevertheless, a signal word prefaces new statements H and P indicating the severity of potential hazards. This word can be "Danger" or "Warning".

Old label



Danger symbols

R and S phrases

New label



Pictograms

H and P statements

CLP pictograms

Physical hazards



Explosives



Flammable liquids



Oxidizing liquids



Compressed gases



Corrosive to metals

Health hazards



Acute toxicity



Skin corrosion



Skin irritation

CMR¹⁾, STOT²⁾
Aspiration hazard

Hazardous to the aquatic environment

1) carcinogenic, mutagenic, toxic to reproduction / 2) specific target organ toxicity

NOTE: CLP pictograms refer to the dehydrated culture media presentation, additives and supplements.

Culture Media for Microbiology

Dehydrated and prepared culture media

ACETAMIDE MEDIUM (03-428)**DIN / EN / ISO**Liquid medium for the confirmative test of *Pseudomonas aeruginosa* in water according to ISO 16266 and UNE-EN 12780 Standards.

03-428-500 500g

Left: *Pseudomonas aeruginosa* ATCC 27853; Center: *Pseudomonas aeruginosa* ATCC 9027; Right: Uninoculated tube (Control)**ACETATE DIFFERENTIAL AGAR (01-665)****BAM / ISO**Solid medium for the differentiation of *Shigella* species from *Escherichia coli* according to ISO 21567 Standard.

01-665-500 500g

01-665BA05 5x500mL

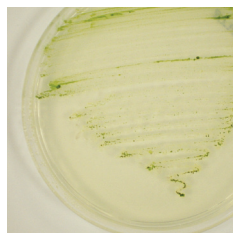
AK AGAR (01-069)

→ SEE SPORULATING AGAR

ALGAE AGAR (01-007)**SMWW**

Solid culture medium for the isolation and cultivation of algae from soil, water and waste water.

01-007-500 500g

*Chlorella ssp.***ALGAE BROTH (02-007)****SMWW**

Nutritive solution for algae and cyanobacteria, appropriate for water algicide biotesting.

02-007-500 500g

ALKALINE PEPTONE WATER (02-468)Liquid culture medium for the halophile microorganisms especially *Vibrio* spp.

02-468-500 500g

064-BA6065 10x225mL flasks

ALKALINE SALINE PEPTONE WATER (02-697)

→ ASPW

ISO / COMPF / SMWW

Liquid culture medium for the pre-enrichment and selective enrichment of Vibrios, potentially enteropathogenic, in food samples, acc. to norms ISO/TS 21872-1 and 21872-2.

02-697-500 500g

ALOA (02-697)

→ SEE MICROINSTANT CHROMOGENIC LISTERIA AGAR ACC. TO OTTAVIANI & AGOSTI

ANTIBIOTIC MEDIA**ANTIBIOTIC MEDIUM A pH 6,6 EUR. PHARM. (01-009)**

→ ANTIBIOTIC MEDIUM 1

→ SEED AGAR

→ PENASSAY SEED AGAR

→ PENICILLIN ASSAY SEED AGAR

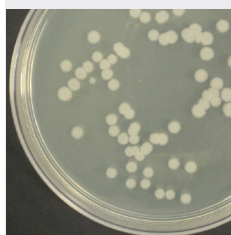
→ AM1

HP / EP / USP

Antibiotic medium at pH 6,6 used in the antibiotic assay by agar diffusion technique.

01-009-500 500g

01-009BA05 5x500mL

*Bacillus subtilis* ATCC 6633**ANTIBIOTIC MEDIUM A pH 7,9 EUR. PHARM. (01-017)**

→ ANTIBIOTIC MEDIUM 11

→ NEOMYCIN ASSAY AGAR

→ ERYTHROMYCIN ASSAY AGAR

→ AM11

HP / EP / USP

Antibiotic medium at pH 7,9 is used in the antibiotic assays by agar diffusion technique.

01-017-500 500g

01-017BA05 5x500mL

ANTIBIOTIC MEDIA (Continue)**ANTIBIOTIC MEDIUM B (01-016)**

→ ANTIBIOTIC MEDIUM NO. 10

HP / EP / USP

Solid culture medium used in the assays of Colistimethate and Polymyxin by the agar diffusion method.

01-016-500 500g

ANTIBIOTIC MEDIUM C EUR. PHARM. (02-011)

→ ANTIBIOTIC MEDIUM 3

→ ANTIBIOTIC ASSAY BROTH

HP / EP / USP

Used in the inoculum preparation, serial dilutions or turbidimetric antibiotic assays.

02-011-500 500g

ANTIBIOTIC MEDIUM E (01-430)**HP / EP / USP**

Solid culture medium used in the assays of Framycetin and Neomycin by the agar diffusion method.

01-430-500 500g

ANTIBIOTIC MEDIUM F EUR. PHARM. (01-434)

→ ANTIBIOTIC MEDIUM 19

HP / EP / USP

Solid culture medium for the assay of antibiotics by the agar diffusion method.

01-434-500 500g

APT AGAR (01-026)

→ ALL PURPOSE TWEEN® AGAR

COMPF

Solid medium for general purposes, specially designed for the cultivation of the heterofermentative lactic acid bacteria that causes meat greening.

01-026-500 500g

*Lactobacillus lactis* ATCC 19435**ASPARAGINE BROTH (02-271)**Liquid medium for presumptive assay and enumeration of *Pseudomonas aeruginosa* in bottled water by MPN Method.

02-271-500 500g

02-271BA05 5x500mL

Media also
available in drums
of 5, 10, 25Kg
scharlab.com

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**C € :** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

**AZIDE DEXTROSE BROTH
ACCORDING TO ROTHE (02-027)**

→ ROTHE AZIDE BROTH

COMPF

Medium for the detection and enumeration of enterococci in water.

02-027-500	500g	
064-TA0158	20 tubes of 10mL	
064-TA2150	20 tubes of 10mL double concentration	

Left: Uninoculated tube (Control); Center: *Enterococcus faecalis* ATCC 29212; Right: *Escherichia coli* ATCC 25922**BACILLUS CEREUS AGAR (01-262)**

→ MYP AGAR

→ MANNITOL EGG YOLK POLYMYXIN AGAR

BAM | COMPF | IDF | ISOSelective solid medium, according to Mossel for the isolation and identification of *Bacillus cereus* in food samples according to ISO 7932 and 21871.

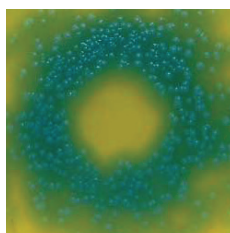
01-262-500	500g	
064-PA0032	20 plates of 90mm Ø	
EGG'S YOLK STERILE EMULSION (Additive)		
06-016-100	100mL flasks	
POLYMYXIN B SULFATE SELECTIVE SUPPLEMENT		
06-021CASE	10 vials	
06-021-LYO	5 vials + 5 vials of solvent	

*Bacillus cereus* ATCC 11778**BACILLUS CEREUS SELECTIVE
AGAR (01-487)**

→ PEMBA(POLYMYXIN EGG YOLK MANITOL BLUE AGAR)

ISO | NKMLSelective solid medium for the enumeration of *Bacillus cereus* in food, according to ISO 21871 and NMKL 674 Standards.

01-487-500	500g	
EGG'S YOLK STERILE EMULSION (Additive)		
06-016-100	100mL flasks	
POLYMYXIN B SULFATE SELECTIVE SUPPLEMENT		
06-021CASE	10 vials	
06-021-LYO	5 vials + 5 vials of solvent	

*Bacillus cereus* ATCC 11778**BAIRD PARKER AGAR****BAIRD PARKER AGAR (01-030)**

→ MEDIUM O EUR. PHARM. 5TH ED.

→ BP AGAR

→ EGG YOLK TELLURITE GLYCINE PIRUVATE AGAR

→ ETGP AGAR

BAM | EP | ISO | USP

Solid and selective culture medium for the screening of staphylococci from a variety of samples, according to pharmacopoeias and ISO 5944, 6888-1 and 22718 Standards.

01-030-500	500g	
01-030BA05	5x500mL	
064-PA0008	20 plates of 90mm Ø	
064-PR0008	30 contact plates	
064-BA1033	10 flasks of 90mL	
EGG'S YOLK TELLURITE STERILE EMULSION (Additive)		
06-026-100	100mL flasks	

*Staphylococcus aureus* ATCC 25923**BAIRD PARKER AGAR (Continue)****BAIRD PARKER WITH RPF AGAR
(RABBIT PLASMA AGAR & FIBRINOGEN)****ISO**

Solid culture medium for the enumeration of coagulase-positive staphylococci in food samples and in the control of food processors. According to ISO 6888-2.

064-PA0145	20 plates of 90mm Ø	
064-BA0RPF	Kit: 4 flasks of 90mL (Base medium) + 4 vials of 10mL(sup. RPF)	

Instructions: Add to each flask of medium base 1 vial re-suspended in distilled sterile water with 10mL of RPF. Components can be bought separately.

064-BA1028	(Base medium) 10 flasks of 90mL	
064-TA0155	(RPF Lyophilized Supplement) x 10 tubes	

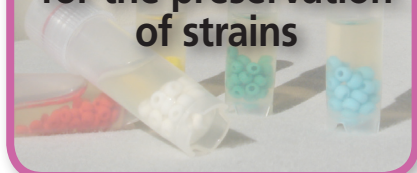
*Staphylococcus aureus* ATCC 25923**BAT (*Bacillus acidoterrestris*) AGAR (01-675)****IFU**Solid medium for the detection and isolation of *Alicyclobacillus*, in fruit juices and other acidic food, according to IFU Standard Method No. 12.

01-675-500	500g	
01-675BA05	5x500mL	

BAT (*Bacillus acidoterrestris*) BROTH (02-675)**IFU**Liquid medium used for the enrichment of *Alicyclobacillus*, from fruit juices and other acidic foods, according to IFU Standard Method No. 12.

02-675-500	500g	
02-675BA05	5x500mL	

CRYOINSTANT®
Cryovials
for the preservation
of strains



**Broths and diluents
in bags (FlexiBags)**

**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**CE** : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

BCYE LEGIONELLA MEDIA**BCYE LEGIONELLA AGAR (01-687)**

→ CYE

ISO / SMWW

Solid medium for the detection, isolation and enumeration of *Legionella* from water according to ISO 11731 and 11731-2 Standards.

01-687-500	500g	
01-687BA05	5x500mL	
064-PA0069	20 plates of 90mm Ø	

LEGIONELLA BCYE GROWTH SUPPLEMENT

06-137-LYO	5 vials + 5 vials of solvent	
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BCYE LEGIONELLA SELECTIVE AGAR

→ GVPC

ISO

Selective solid medium for the detection, isolation and enumeration of *Legionella* from water according to ISO Standards 11731 and 11731-2.

Instructions: For 500mL of BCYE Legionella Selective Agar it is necessary to add 1 vial of 06-138-LYO to the medium base Art. No. 01-687 (previous addition of supplement Art. No. 06-137-LYO).

01-687-500	500g	
01-687BA05	5x500mL	
064-PA0017	20 plates of 90mm Ø	

LEGIONELLA BCYE GROWTH SUPPLEMENT

06-137-LYO	5 vials + 5 vials of solvent	
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LEGIONELLA GVPC SELECTIVE SUPPLEMENT

06-138-LYO	5 vials + 5 vials of solvent	
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Legionella pneumophila
ATCC 33152

BCYE W/O CYSTEINE LEGIONELLA AGAR

→ BCYE-CYS

ISO

Solid medium for the control and identification of *Legionella* from water according to ISO Standards 11731 and 11731-2.

Instructions: For 500mL of BCYE W/O Cysteine Legionella Agar it is necessary to add 1 vial of 06-134-LYO to the medium base Art. No. 01-687.

01-687-500	500g	
01-687BA05	5x500mL	
064-PA6001	20 plates of 90mm Ø	

LEGIONELLA BCYE W/O CYSTEINE**NO GROWTH SUPPLEMENT**

06-134-LYO	5 vials + 5 vials of solvent	
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BEERENS COSMETIC DILUENT (02-257)

Diluent used to neutralize preservative systems in routine examination of cosmetic products.

02-257-500	500g	
02-257BA05	5x500mL	
064-BA1022	10 flasks of 100mL	
064-BA2022	10 flasks of 90mL	
POLYSORBATE 80 (Additive)		
TW00800100	100mL	

BGA (BRILLIANT GREEN AGAR) (01-203)

→ MEDIUM L EUR. PHARM. 5TH ED.

→ BRILLIANT GREEN PHENOL RED LACTOSE AGAR

→ BPLA

EP / USP

Solid culture medium for the selective isolation of *Salmonella* according to Eur. Pharm.

01-203-500	500g	
01-203BA05	5x500mL	
064-PA0045	20 plates of 90mm Ø	
064-BA3031	10 flasks of 100mL	



Salmonella abony
NCTC 6017

BGA MODIFIED (BRILLIANT GREEN MODIFIED AGAR) (01-309)**DIN / IDF / ISO**

Solid culture medium for selective isolation of salmonellae in food (except *S. typhi*) according to ISO 6579, 6340, 6785 & IDF 93 Standards.

01-309-500	500g	
01-309BA05	5x500mL	

BGBL BROTH (02-041)

→ BRILLIANT GREEN BILE 2% BROTH

BAM / COMPF / ISO / SMWW

Liquid medium used for the detection of coliforms in water, as recommended by APHA and ISO 4831 Standards.

02-041-500	500g	
02-041BA05	5x500mL	
064-TA0179	20 tubes of 10mL double concentration with Durham tubes	
064-TA0152	20 tubes of 9mL with Durham tubes	



Left: Uninoculated tube (Control); Center: *Salmonella typhimurium* ATCC 14028; Right: *Escherichia coli* ATCC 11775

BHI AGAR (BRAIN HEART INFUSION AGAR) (01-599)**COMPF / DIN / ISO / SMWW**

General purpose solid medium for fastidious pathogenic microorganisms.

01-599-500	500g	
01-599BA05	5x500mL	



Enterococcus faecalis
ATCC 19433

BHI BROTH (BRAIN HEART INFUSION BROTH) (02-599)**BAM / COMPF / ISO / SMWW**C € 

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens.

02-599-500	500g	
02-599BA05	5x500mL	
064-BA6079	10 flasks of 100mL	
064-TA0143	20 tubes of 10mL	



Left: Uninoculated tube (Control); Center: *Staphylococcus aureus* ATCC 25923; Right: *Escherichia coli* ATCC 25922

BHI BROTH WITH SPS (BRAIN HEART INFUSION BROTH WITH SPS)

Culture media for hemoculture.

064-BA7083	10 flasks of 70mL	
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BIGGY AGAR (01-137)

→ SEE NICKERSON AGAR

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTh: Polysorbate 80 5g/L, Lecithin 0.7g/L, Histidine 1g/L and Sodium thiosulfate 0.5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

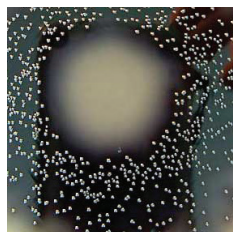
Culture Media for Microbiology

Dehydrated and prepared culture media

BILE ESCULIN AZIDE AGAR (01-592)→ **BEA AGAR****BAM / ISO**

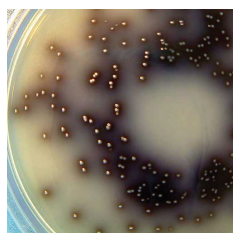
Solid medium for the enterococci confirmative test in water by the membrane filtration method according to ISO 7899-2.

01-592-500	500g	
01-592BA05	5x500mL	
064-PA3134	20 plates of 90mm Ø	
064-PF0008	30 plates of 55mm Ø	

*Enterococcus faecalis*
ATCC 29212**BILE ESCULIN MODIFIED AGAR (01-265)**→ **BEM (BILE ESCULIN MEDIUM)****BAM / COMPF / ISO**

Solid culture medium for identification of probiotic streptococci in food samples.

01-265-500	500g	
01-265BA05	5x500mL	
064-TA0102	20 slanted agar tubes	

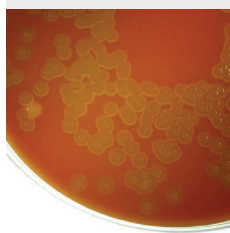
*Enterococcus faecalis*
ATCC 29212

A large range
of culture media
scharlab.com

BLOOD MEDIA**BLOOD AGAR (01-352)**C € 

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens.

01-352-500	500g	
01-352BA05	5x500mL	

→ **Needs addition of Blood.***Streptococcus pneumoniae*
ATCC 49619**BLOOD AGAR (COLUMBIA) (01-034)**→ **CA**→ **CB AGAR****ISO**C € 

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens.

01-034-500	500g	
01-034BA05	5x500mL	

→ **Needs addition of Blood.***Staphylococcus aureus*
ATCC 6538**BLOOD AGAR BASE MODIFIED (01-689)**

Nutrient rich medium suitable to prepare blood plates.

01-689-500	500g	
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BLOOD AGAR NO. 2 (01-505)**BAM / COMPF / ISO**C € 

Nutrient rich medium suitable for the isolation of pathogenic microorganisms from clinical specimens.

01-505-500	500g	
01-505BA05	5x500mL	

→ **Needs addition of Blood.****BLOOD CNA AGAR (COLUMBIA CNA) (01-703)**→ **SEE COLUMBIA CNA AGAR****BOLTON ENRICHMENT BROTH (02-688)****BAM / ISO**Liquid culture medium used for the enrichment of *Campylobacter* from food samples according to ISO Standard 10272-1.

02-688-500	500g	
02-688BA05	5x500mL	

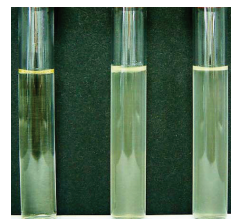
CAMPYLOBACTER BOLTON SELECTIVE SUPPLEMENT 

06-131-LYO	5 vials + 5 vials of solvent	
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→ **Needs addition of Blood.****BRILLIANT GREEN AGAR (BGA) (01-203)**→ **SEE BGA****BRILLIANT GREEN BILE 2% BROTH (02-041)**→ **SEE BGBL BROTH****BRILLIANT GREEN MODIFIED AGAR (01-309)**→ **SEE BGA MODIFIED****BROLACIN AGAR (01-047)**→ **SEE CLED AGAR****BUFFERED PEPTONE WATER (02-277)**→ **TRYPTONE PHOSPHATE WATER****ISO**

Medium for dilution and non-selective pre-enrichment according to ISO 6579, 6785, 6887 and 8261 Standards.

02-277-500	500g	
02-277BA05	5x500mL	
064-BA6011	10 flasks of 225mL in 500mL flasks	
064-BA6012	10 flasks of 225mL in 250mL flasks	
064-BA6000	10 flasks of 200mL	
064-BA0486	10 flasks of 100mL	
064-BA4010	10 flasks of 90mL	
064-TA0100	20 tubes of 9mL	
064-BA01-5	2 bags of 5 litres*	
064-BA01-3	3 bags of 3 litres*	
064-BA01-2	5 bags of 2 litres*	

→ ***Connectors for bags, Art. No. 064-V70815.**Left: *Staphylococcus aureus* ATCC 25923; Center: *Salmonella typhimurium* ATCC 14028; Right: *Pseudomonas aeruginosa* ATCC 9027**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTH:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

**BUFFERED PEPTONE WATER
EUR. PHARM. (02-494)**

- BUFFERED PEPTONE WATER 0,1%
- BUFFERED SALINE PEPTONE WATER
- MEDIUM A EUR. PHARM. 5TH ED.
- BUFFERED SODIUM CHLORIDE PEPTONE SOLUTION pH 7.0

HP / EP / ISO

Diluent for the Homogenization of samples for the microbiological examination according to Pharmacopoeial Harmonised Method and ISO Standard.

02-494-500	500g	
02-494BA05	5x500mL	
064-BA6063	10 flasks of 225mL	
064-BA6062	10 flasks of 200mL	
064-BA3021	10 flasks of 100mL	
064-BA6064	10 flasks of 90mL	
0TA2151-10	20 tubes of 10mL	
064-TA2151	20 tubes of 9mL	

**BUFFERED-PHOSPHATE
PEPTONE WATER (02-568)**

- SEE PHOSPHATE-BUFFERED PEPTONE WATER

CAMPYLOBACTER MEDIA**CAMPYLOBACTER BLOOD-FREE
SELECTIVE AGAR (01-685)**

- SEE CCD MODIFIED AGAR

**CAMPYLOBACTER BOLTON
BROTH (02-688)**

- SEE BOLTON ENRICHMENT BROTH

**CAMPYLOBACTER PRESTON
AGAR (01-451)**

- SEE PRESTON CAMPYLOBACTER AGAR

**CAMPYLOBACTER PRESTON
BROTH (02-561)**

- SEE PRESTON CAMPYLOBACTER BROTH

**CARY-BLAIR
TRANSPORT MEDIUM (03-643)****CMPH**

Semi-solid non-nutritive medium used for transporting and preserving microbiological specimens, specially faecal and rectal samples.

03-643-500	500g	
03-643BA05	5x500mL	

**CASEIN LECITHIN POLYSORBATE
BROTH (02-539)****→ TAT BROTH****USP**

Liquid medium used to dilute and neutralize samples of pharmaceutical, cosmetic, raw material or end products for the purpose of enumeration microorganisms.

02-539-500	500g	
02-539BA05	5x500mL	
POLYSORBATE 20 (TWEEN 20) (Additive)		
TW00201000	1 litre	

**CCA (CHROMOGENIC
COLIFORM AGAR (01-695)**

- SEE CHROMOGENIC COLIFORM AGAR

**CCD (CHARCOAL CEFOPERAZONE
DEOXYCHOLATE) MODIFIED AGAR (01-685)**

- CAMPYLOBACTER BLOOD-FREE SELECTIVE AGAR

→ mCCDA**BAM / ISO**

Selective plating medium used for the detection and enumeration of *Campylobacter* spp. according to ISO 10272-1 Standard.

01-685-500	500g	
01-685BA05	5x500mL	
CAMPYLOBACTER CCDA SELECTIVE SUPPLEMENT		
06-133-LYO	5 vials + 5 vials of solvent	

CETRIMIDE AGAR (01-160)

- PSEUDOMONAS SELECTIVE AGAR BASE

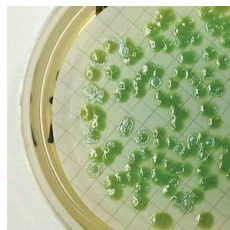
→ PSEUDOSEL

- MEDIUM N EUR. PHARM. 5TH ED.

HP / AOAC / EP / USP

Solid culture medium for selective isolation of *Pseudomonas aeruginosa* according to Pharmacopoeial Harmonised Method and ISO 22717 Standard.

01-160-500	500g	
01-160BA05	5x500mL	
064-PA0050	20 plates of 90mm Ø	
064-PF1007	30 plates of 55mm Ø	
064-PR0009	30 contact plates	
064-BA1032	10 flasks of 100mL	
GLYCEROL (Additive)		
GL00261000	1 litre	



Pseudomonas aeruginosa
ATCC 9027

**CETRIMIDE-NALIDIXIC (CN) SELECTIVE
AGAR (01-609)**

- SEE CN SELECTIVE AGAR

**CGA (CHLORAMPHENICOL
GLUCOSE AGAR) (01-366)**

- YGC AGAR (YEAST EXTRACT GLUCOSE CHLORAMPHENICOL AGAR)
- YDC AGAR (YEAST EXTRACT DEXTROSE CHLORAMPHENICOL AGAR)

DIN / IDF / ISO

Solid and selective medium for the isolation and enumeration of fungi in food according to ISO 7954 and FIL-IDF 94B Standards.

01-366-500	500g	
01-366BA05	5x500mL	
064-BA9992	10 flasks of 100mL	



Candida albicans
ATCC 10231

CHAPMAN AGAR (01-116)

- SEE MANITOL SALT AGAR

CHAPMAN TTC AGAR (01-053)

- TERGITOL® 7 AGAR
- LACTOSE TTC HEPTADECYL SODIC SULFATE AGAR
- T7 AGAR

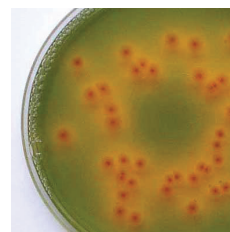
ISO

Medium for the detection of coliforms by membrane filtration technique in water analysis according to ISO 9308-1 Standard.

01-053-500	500g	
01-053BA05	5x500mL	
064-PF0003	30 plates of 55mm Ø	

TTC STERILE SOLUTION (Additive)

06-023-100	100mL	
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Escherichia coli ATCC 25922

**CHARCOAL
CEFOPERAZONE DEOXYCHOLATE
MODIFIED AGAR (01-685)**

- SEE CCD MODIFIED AGAR

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTh: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

CHRISTENSEN'S CITRATE AGAR (01-664)**BAM / ISO**

Differential solid medium to verify the use of citrate as sole carbon source in presence of organic nitrogen, according to ISO 21567 Standard.

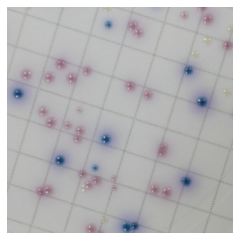
01-664-500	500g	
01-664BA05	5x500mL	

CHROMOGENIC COLIFORM AGAR (CCA) (01-695)Solid, selective and differential chromogenic medium CCA (Chromogenic Coliform Agar) for the detection and enumeration of total coliforms and *Escherichia coli* with an adjusted and precise selective capability. Ideal for water samples by the membrane-filtration technique. With antibiotics cefsulodin and vancomycin included in its formulation.

01-695-500	500g	
01-695BA05	5x500mL	
064-PF1015	30 plates of 55 mm Ø	

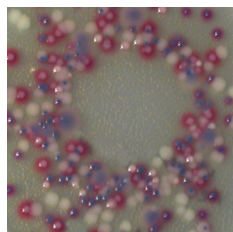
COLIFORM CV SELECTIVE SUPPLEMENT

06-140-LYO	5 vials of antibiotics + 5 vials of solvent	
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Violet-blue colonies: *Escherichia coli*; Salmon red colonies: Coliform;
Colourless colonies: All other gram-negative bacteria**CHROMOGENIC COLINSTANT AGAR (01-618)**Selective and differential chromogenic medium, for the detection of total coliforms and *Escherichia coli* in water and food samples.

01-618-500	500g	
01-618BA05	5x500mL	
064-PA6015	20 plates of 90mm Ø	
064-PF6015	30 plates of 55mm Ø	

→ In waste water samples it is recommended to add Coliform CV Selective Supplement 06-140-LYO.

Violet-blue colonies: *Escherichia coli*; Salmon red colonies: coliform;
Colourless colonies: all other gram-negative bacteria**CIN AGAR (01-444)**

→ SEE YERSINIA CIN AGAR

CLED AGAR (01-047)

→ BROLACIN AGAR

→ CYSTINE LACTOSE ELECTROLYTE DEFICIENT AGAR

C € 

Cystine, lactose, electrolyte deficient medium, recommended for the isolation and identification of urinary pathogenic bacteria.

01-047-500	500g	
01-047BA05	5x500mL	

*Proteus mirabilis*
ATCC 12453**CN (CETRIMIDE-NALIDIXIC) SELECTIVE AGAR BASE (01-609)**

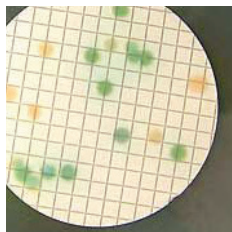
→ CN MEDIUM

EN / ISOSelective solid medium used for the detection of *Pseudomonas aeruginosa* according to the EN 12780 and ISO 16266 Standards.

01-609-500	500g	
01-609BA05	5x500mL	
064-PF0005	30 plates of 55mm Ø	

NALIDIXIC ACID SELECTIVE SUPPLEMENT

06-124CASE	10 vials	
06-124-LYO	5 vials + 5 vials of solvent	

*Pseudomonas aeruginosa*
ATCC 15442;
Pseudomonas aeruginosa
ATCC 27853**COLIFORMS****PRESENCE / ABSENCE BROTH**Chromogenic and fluorogenic broth that combines the enzyme β-D-galactosidase, the reaction of the fluorogenic agent MUG and the indol* tests in a single ready-to-use medium. Allows for a simple and direct way of detecting the presence or absence of total coliforms and *Escherichia coli* in water samples.

064-BACOLI	10 flasks of 100mL	
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→ *For the test of indol add 2-3mL of Kovacs Reagent (6-018-100).

COLUMBIA AGAR BASE (EUR. PHARM./HP) (01-680)**HP**

Highly nutritious general purpose medium used for the isolation and cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and non-sterile products according to Pharmacopoeial Harmonized Method.

01-680-500	500g	
01-680BA05	5x500mL	

COLUMBIA BLOOD AGAR (01-034)

→ SEE BLOOD AGAR (COLUMBIA)

COLUMBIA CNA AGAR (01-703)

Solid medium used, with the addition of blood for the selective isolation of gram-positive cocci, from clinical samples.

01-703-500	500g	
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→ Needs addition of Blood.

COSMETIC DILUENT OF BEERENS (02-257)

→ SEE BEERENS COSMETIC DILUENT

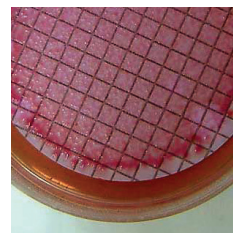
m-CP AGAR (*Clostridium perfringens*) (01-513)Solid medium for enumeration and isolation of *Clostridium perfringens* in water for human consumption, according to the European Directive 12767/97.

01-513-500	500g	
01-513BA05	5x500mL	
064-PF0030	30 plates of 55mm Ø	
064PF0030C	12 plates of 55mm Ø	

m-CP SELECTIVE SUPPLEMENT

06-125-LYO	5 vials + 5 vials of solvent	
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→ *Ammonium hydroxide (ammonia) is required for confirmation, Art. No. AM0257.

*Clostridium perfringens*
ATCC 13124**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTH:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

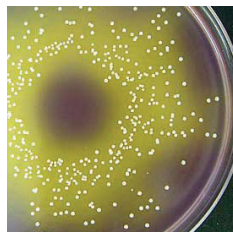
Dehydrated and prepared culture media

D/E NEUTRALIZING AGAR (01-610)

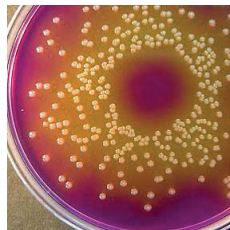
→ DEY-ENGLEY NEUTRALIZING AGAR

COMPF / ISO / SMD

Solid medium for the neutralization and verification of antiseptics and disinfectants according to ISO 22717 and 22718 Standards.

01-610-500 500g *Staphylococcus aureus*
ATCC 25923**DEXTROSE TRYPTONE PURPLE BROMCRESOL AGAR (01-556)**

Solid medium for the cultivating the "flat-sour" canned food spoiling microorganisms.

01-556-500 500g *Escherichia coli* ATCC 25922**DNASE AGAR (01-346)**

→ DNASE TEST AGAR

→ DEOXYRIBONUCLEASE TEST AGAR

→ DEOXYRIBONUCLEIC ACID AGAR

→ DNA AGAR

Solid culture medium for the determination of the deoxyribonuclease activity of microorganisms, especially staphylococci and *Serratia* spp.01-346-500 500g 01-346BA05 5x500mL *Serratia marcescens*
ATCC 274**D/E NEUTRALIZING BROTH (02-610)** **ISO / SMD**

Liquid enrichment medium for the neutralization and verification of antiseptics and disinfectants in cosmetics.

02-610-500 500g 02-610BA05 5x500mL **DECARBOXYLASE LYSINE BROTH ACCORDING TO TAYLOR (02-336)****COMPF / IDF / ISO**

Liquid medium to differentiate enteric bacteria in the L-Lysine decarboxylation assays according to Taylor and ISO 6785 and 21567 Standards.

02-336-500 500g 064TA0125L 20 tubes of 10mL **DEOXYCHOLATE LACTOSE AGAR (01-057)**

→ DCL AGAR

COMPF / SMWW

Differential solid medium for the isolation of Enterobacteriaceae, according to APHA.

01-057-500 500g 01-057BA05 5x500mL *Salmonella typhimurium*
ATCC 14028**DG18 SELECTIVE AGAR (DICHLORAN GLYCERIN SELECTIVE AGAR) (01-485)** **ISO**

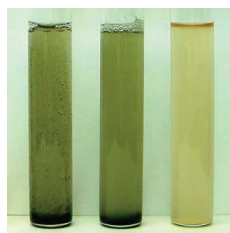
Solid differential and low water activity medium used for the determination of xerophilic fungi in low moisture food and in indoor air according to ISO 16000-17 Standard.

01-485-500 500g **DICHLORAN ROSE BENZAL CHLORAMPHENICOL AGAR (DRBC AGAR) (01-657)** **ISO**

Selective solid medium for the enumeration of moulds and yeasts in foods according to ISO 21527-1 Standard.

01-657-500 500g 01-657BA05 5x500mL **DIFFERENTIAL REINFORCED CLOSTRIDIAL MEDIUM (DRCM) (02-410)****DIN / ISO**

Liquid medium for the enumeration of clostridia in food samples and other products by the MPN technique.

02-410-500 500g Left: *Clostridium perfringens* ATCC 13124; Center: *Clostridium perfringens* ATCC 10543; Right: *Escherichia coli* ATCC 25922**DRCM (02-410)**

→ SEE DIFFERENTIAL REINFORCED CLOSTRIDIAL MEDIUM

DTM AGAR (01-442)

→ SEE DERMATOPHYTE SELECTIVE AGAR

E. E. BROTH (ENRICHMENT ENTEROBACTERIACEAE BROTH) (02-064)

→ MEDIUM E EUR. PHARM. 5TH ED.

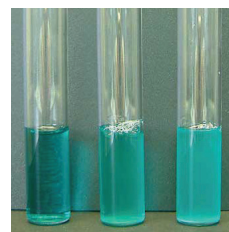
→ MOSSEL BROTH

HP / ISO / EP

Liquid culture medium used for the enrichment of enterobacteria according to ISO 21528-1 Standard and Pharmacopoeial Harmonised Method.

02-064-500 500g 02-064BA05 5x500mL 064-BA2144 10 flasks of 100mL 064-BA6073 10 flasks of 90mL 064-TA0189 20 tubes of 9mL 064-TA0193 20 tubes of 10mL 

double concentration

Left: Uninoculated tube (Control); Center: *Salmonella Abony* NCTC 6017; Right: *Escherichia coli* ATCC 25922**DERMATOPHYTE SELECTIVE AGAR (01-442)**

→ DTM AGAR

→ TAPPLIN AGAR

Solid differential medium for the selective isolation of dermatophytes in veterinary samples.

01-442-500 500g 01-442BA05 5x500mL 064-PA0012 20 plates of 90mm Ø 

Easy kits for surface sampling

scharlab.com

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**CE:** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

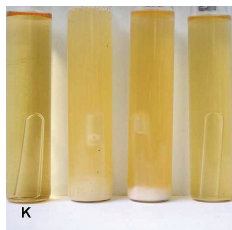
Dehydrated and prepared culture media

EC BROTH (*E. coli* BROTH) (02-060)

COMPF / ISO / SMWW

Selective medium for detecting enterobacteria in foodstuff and water according to ISO 9308-2 and 7251 Standards.

02-060-500	500g	
02-060BA05	5x500mL	



First tube: Uninoculated tube (Control); Second tube: *Escherichia coli* ATCC 25922; Third tube: *Escherichia coli* ATCC 8739; Fourth tube: *Pseudomonas aeruginosa* ATCC 27853

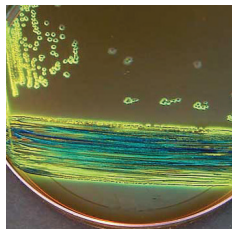
EMB AGAR (EOSIN METHYLENE BLUE AGAR) (01-068)

→ LEVINE AGAR

BAM / ISO / USP

Selective differential medium for the isolation of coliforms in different samples according to ISO 21150 Standard and USP.

01-068-500	500g	
01-068BA05	5x500mL	
064-BA6045	10 flasks of 200mL	



Escherichia coli ATCC 8739

ENDO AGAR (01-589)

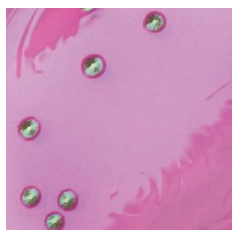
AOAC / COMPF / SMD

Slightly selective solid medium used for the detection of coliform and other enteric organisms, in milk and water, according to the APHA specifications.

01-589-500	500g	
01-589BA05	5x500mL	
064-PF0009	30 plates of 55mm Ø	

BASIC FUCHSIN 250 SELECTIVE SUPPLEMENT

06-607-LYO	5 vials + 5 vials of solvent	
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Escherichia coli ATCC 25922

m-ENTEROCOCCUS AGAR (01-579)

→ SEE SLANETZ BARTLEY AGAR

ESCULIN BILE MODIFIED AGAR (01-265)

→ SEE BILE ESCULIN MODIFIED AGAR

ETHYL VIOLET AZIDE BROTH (EVA BROTH) (02-028)

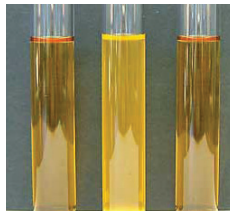
→ LITSKY BROTH

→ AZIDE ETHYL VIOLET BROTH

COMPF / SMWW

Liquid medium for the confirmation of enterococci in water.

02-028-500	500g	
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Left: Uninoculated tube (Control); Center: *Enterococcus faecalis* ATCC 29212; Right: *Escherichia coli* ATCC 25922

EUGON LT 100 AGAR (01-654)

ISO

Solid medium used for the detection and enumeration of aerobic mesophilic bacteria, in cosmetic products in presence or absence of preservatives according to ISO 21149 Standard.

01-654-500	500g	
01-654BA05	5x500mL	

EUGON LT 100 BROTH (02-654)

ISO

Liquid medium used for the enrichment of aerobic bacteria and *Escherichia coli*, in cosmetic products in presence or absence of preservatives according to ISO 21149 and 21150 Standards.

02-654-500	500g	
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EVA BROTH (02-028)

→ SEE ETHYL VIOLET AZIDE BROTH

F AGAR (01-029)

→ SEE KING B AGAR

FECAL COLIFORM AGAR (FC AGAR) (01-287)

Selective and differential solid medium for the enumeration of coliforms by membrane filtration technique.

064-PF0024	30 plates of 55mm Ø	
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FRASER BROTH

FRASER HALF CONCENTRATION ENRICHMENT BROTH

→ HALF FRASER BROTH

ISO

Liquid culture medium for primary enrichment and detection of *Listeria spp.* according to ISO 11290 Standard.

Instructions: For 225mL of Fraser Half Concentration it is necessary to add 1 vial of 06-136-LYO to the medium base Art. No. 02-496.

For 500mL of Fraser Half Concentration it is necessary to add 1 vial of 06-145-LYO to the medium base Art. No. 02-496.

02-496-500	500g	
02-496BA05	5x500mL	
064-BA5002	10 flasks of 225mL	
064-TA5002	20 tubes 9mL	
064-BA02-5	2 bags of 5 litres*	
064-BA02-3	3 bags of 3 litres*	
064-BA02-2	5 bags of 2 litres*	

→ *Connectors for bags, Art. No. 064-V70815.

LISTERIA FOR PRIMARY ENRICHMENT

SELECTIVE SUPPLEMENT (HALF FRASER)

06-136-LYO*	5 vials + 5 vials of solvent (for 225mL)	
06-145-LYO*	5 vials + 5 vials of solvent (for 500mL)	

→ *Ferric ammonium citrate included

FRASER LISTERIA ENRICHMENT BROTH (02-496)

ISO

Liquid culture medium for the enrichment and detection of *Listeria spp.* according to ISO 11290 Standard.

02-496-500	500g	
02-496BA05	5x500mL	
064-BA5001	10 flasks of 225mL	
064-TA1125	20 tubes of 10mL	

LISTERIA FOR SECONDARY ENRICHMENT

SELECTIVE SUPPLEMENT (UVM II / FRASER)   

06-111CASE	10 vials	
06-111-LYO	5 vials + 5 vials of solvent	

FERRIC AMMONIUM CITRATE

06-112-LYO	5 vials + 5 vials of solvent	
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Left: Uninoculated tube (Control); Center: *Listeria monocytogenes* ATCC 19112; Right: *Listeria monocytogenes* ATCC 7644

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTH: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

CE : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

GC AGAR BASE (01-310)

Solid base medium particularly suitable for the isolation and cultivation of fastidious microorganisms.

01-310-500 500g 

This base has different applications:

Chocolate Agar: Medium for the growth of fastidious microorganisms, such as *Haemophilus influenzae*. This medium has to be boiled to get a dark chocolate colour.01-310-500 500g 

→ Needs addition of Blood.

Thayer-Martin Agar: Medium for *Neisseria* isolation.01-310-500 500g **GPS (GROWTH PROMOTION SUPPLEMENT)***06-144-LYO 5 vials + 5 vials of solvent **VCNT SELECTIVE SUPPLEMENT** 06-142-LYO 5 vials + 5 vials of solvent 

→ Needs addition of haemoglobin.

→ *Can be added to improve the recuperation of stressed cells.

Transgrow Agar: Medium for the harvest, transport and culture of *Neisseria*. This medium is the same as Thayer-Martin Agar but distributed into hermetic screw-cap tubes and solidified in horizontal position.**GC Selective Agar:** Medium for *Neisseria* isolation.01-310-500 500g **GPS (GROWTH PROMOTION SUPPLEMENT)***06-144-LYO 5 vials + 5 vials of solvent **VCAT SELECTIVE SUPPLEMENT** 06-141-LYO 5 vials + 5 vials of solvent 

→ Needs addition of haemoglobin.

→ *Can be added to improve the recuperation of stressed cells.

GIOLITTI-CANTONI BROTH (02-230)**EN / IDF / ISO**

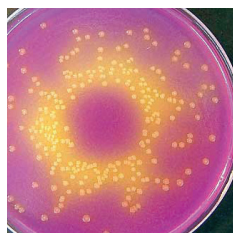
Liquid medium used for the recovery and enumeration of low numbers of coagulase-positive staphylococci in foods according to ISO 6888-3 and 5944, FIL-IDF and EN Standards.

02-230-500 500g 02-230BA05 5x500mL 064-TA0190 20 x 19mL tubes 064-TA0191 20 x 10mL tubes 

double concentration

POTASSIUM TELLURITE 1% STERILE SOLUTION (Additive)06-089-100 100mL **GLUCOSE BROMCRESOL PURPLE AGAR (01-502)****ISO**

Solid medium for the confirmation of enterobacteria in different samples. According to ISO 8523, 4702, 21528-1 and 21528-2 Standards.

01-502-500 500g 01-502BA05 5x500mL *Salmonella typhimurium*
ATCC 14028**GLUCOSE PEPTONE CHLORAMPHENICOL AGAR (01-692)**

→ GP AGAR WITH ANTIBIOTIC

ISO

Solid medium for the enumeration of moulds and yeasts in cosmetics according to ISO 16212 Standard.

01-692-500 500g **GRAM NEGATIVE BROTH (GN BROTH) (02-093)**

→ HAJNA BROTH

COMPF

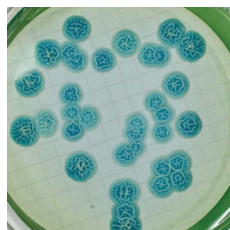
Liquid culture medium for enteric bacteria according to the formulation of Hajna.

02-093-500 500g 02-093BA05 5x500mL **m-GREEN AGAR (01-633)**

→ m-GREEN YEAST & MOLD AGAR

ISO

Solid selective culture medium for counting fungi according to ISO 10718.

01-633-500 500g 064-PF0089 30 plates of 55mm Ø *Candida albicans*
ATCC 10231**m-GREEN BROTH (02-633)**

→ m-GREEN YEAST & MOLD BROTH

ISO

Liquid selective culture medium used for the enumeration of fungi according to ISO Standard 10718.

02-633-500 500g 02-633BA05 5x500mL **GVPC**

→ SEE BCYE LEGIONELLA SELECTIVE AGAR

HALF FRASER BROTH

→ SEE FRASER HALF CONCENTRATION ENRICHMENT BROTH

Baird Parker RPF Agar
for test of Coagulase
Positive Staphylococci (CPS)
in food according to ISO 6888-2

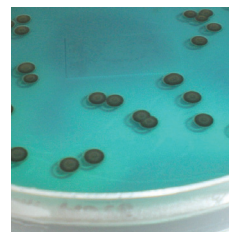
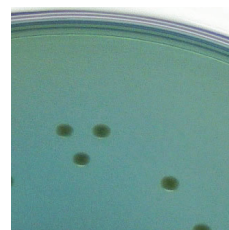
HEKTOEN ENTERIC AGAR (01-216)

→ HE AGAR

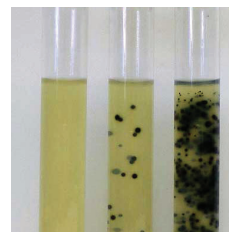
→ HEA

AOAC / BAM / COMPF / ISO

Solid, selective and differential culture medium for isolation of pathogenic enterobacteria from very contaminated samples according to ISO 21567 Standard.

01-216-500 500g 01-216BA05 5x500mL 064-PR0012 30 contact plates *Salmonella typhimurium*
ATCC 14028*Shigella flexneri* ATCC 12022**HTM (HAEMOPHILUS TEST MEDIUM) (01-706)**Medium for the susceptibility test of *Haemophilus influenzae*.01-706-500 500g **HAEMOPHILUS GROWTH SUPPLEMENT**06-155-LYO 5 vials + 5 vials of solvent **IRON SULFITE MODIFIED AGAR (01-634)****ISO / NMKL**

Solid differential medium used for the enumeration of sulfitereducing bacteria from foods and animal feeding stuffs according to ISO 15213 Standard.

01-634-500 500g 01-634BA05 5x500mL Left: Uninoculated tube (Control); Center: *Clostridium perfringens* ATCC 13124; Right: *Clostridium perfringens* ATCC 10543**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTH:** Polysorbate 80 5g/L, Lecithin 0.7g/L, Histidine 1g/L and Sodium thiosulfate 0.5g/L according to European recommendations.**CE:** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

K AGAR (01-674)

IFU

Selective solid used for medium for the isolation of *Allicyclobacillus acidoterrestris*, in fruit juices according to IFU Standard Method No. 12.

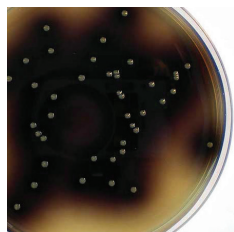
01-674-500	500g	
01-674BA05	5x500mL	

KANAMYCIN ESCULIN AZIDE AGAR (KAA AGAR) (01-263)

COMPF

Solid medium for confirmative detection and isolation of Lancefield's group D streptococci in food samples according to Mossel *et al.*

01-263-500	500g	
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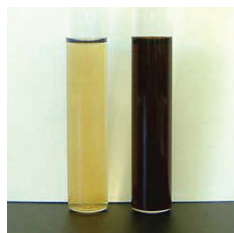
Enterococcus faecalis
ATCC 19433

KANAMYCIN ESCULIN AZIDE BROTH (KAA BROTH) (02-263)

COMPF

Liquid medium for the presumptive detection of Lancefield's group D streptococci in food samples according to Mossel *et al.*

02-263-500	500g	
064-TA0197	20 tubes of 10mL	



Enterococcus faecalis
ATCC 29212

KF (KENNER FECAL) AGAR (01-294)

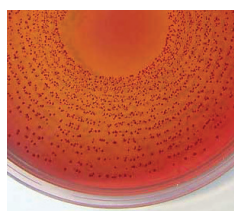
COMPF / SMWW

Selective solid medium for detection and enumeration of enterococci.

01-294-500	500g	
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TTC STERILE SOLUTION (Additive)

06-023-100	100mL	
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Enterococcus faecalis
ATCC 19433

KING A AGAR (P AGAR) (01-001)

→ **PIGMENT PRODUCTION AGAR A**

→ **Ps MEDIUM A**

→ **PsP**

→ **PSEUDOMONAS AGAR MEDIUM FOR DETECTION OF PYOCYANIN**

ISO / USP

Solid medium to enhance the pyocyanine production by *Pseudomonas aeruginosa* according to ISO 12780, 16266, 22717 Standards.

01-001-500	500g	
01-001BA05	5x500mL	

GLYCEROL (Additive)

GL00261000	1 litre	
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Pseudomonas aeruginosa
ATCC 9027

KING B AGAR (F AGAR) (01-029)

→ **PIGMENT PRODUCTION AGAR B**

→ **Ps MEDIUM B**

→ **FLUORESCESCEIN AGAR**

→ **FLO AGAR**

→ **PSEUDOMONAS AGAR MEDIUM FOR DETECTION OF FLUORESCESCEIN**

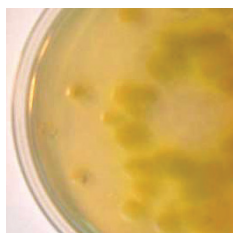
ISO

Culture media for enhancing the fluorescein production by *Pseudomonas spp.* according to ISO 12780, 16266, 22717 Standards.

01-029-500	500g	
01-029BA05	5x500mL	

GLYCEROL (Additive)

GL00261000	1 litre	
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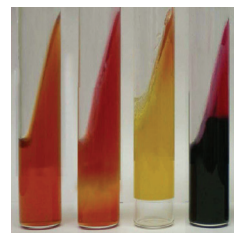
Pseudomonas aeruginosa
ATCC 10145

KLIGLER IRON AGAR (KIA) (01-103)

ISO

Solid differential medium for primary identification of enterobacteria based on the fermentation of two sugars and the hydrogen sulphide production according to ISO 6340 Standard.

01-103-500	500g	
01-103BA05	5x500mL	
064-TA0116	20 slanted agar tubes	



First tube: Control tube; Second tube: *Shigella flexneri* ATCC 12022
Third tube: *Escherichia coli* ATCC 25922; Fourth tube: *Salmonella typhimurium* ATCC 14028

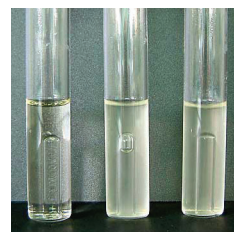
LACTOSE BROTH (02-105)

→ **MEDIUM D EUR. PHARM. 5TH ED.**

AOAC / COMPF / EP / ISO / SMWW / USP

Medium for the pre-enrichment and the detection of enterobacteria and coliforms in milk and water according to ISO 9308-2 and 21150 Standards.

02-105-500	500g	
02-105BA05	5x500mL	
064-BA3029	10 flasks of 100mL	
0BA3029-90	10 flasks of 90mL cap with septum	
0BA3929-90	10 flasks of 90mL	
0BA3024-90	10 flasks of 90mL with Durham tubes	
064-TA2141	20 tubes of 10mL double concentration with Durham tubes	
064-TA2142	20 tubes of 9mL with Durham tubes	



Left: Uninoculated tube (Control); Center: *Escherichia coli* ATCC 25922; Right: *Salmonella typhimurium* ATCC 14028

CRYOINSTANT®
Cryovials for the preservation of strains

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTh: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

CE : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

LACTOSE GELATIN MEDIUM (03-632)**ISO**Solid medium for biochemical confirmation of *Clostridium perfringens* according to ISO 7937 Standards.

03-632-500	500g	
03-632BA05	5x500mL	

Left: Uninoculated tube (Control); Center: *Clostridium sporogenes* ATCC 11437; Right: *Clostridium perfringens* ATCC 10543;**LACTOSE NEUTRALIZING BROTH (02-666)****ISO**Liquid medium for enrichment of *Escherichia coli* in samples of cosmetics according to ISO 21150 Standard. Contains Triton X-100 in the formulation.

02-666-500	500g	
02-666BA05	5x500mL	

LACTOSE SULFITE BROTH (02-519)

→ MEDIUM R EUR. PHARM. 5TH ED

→ CLS

EP / ISOLiquid medium for the determination of H₂S production by *Clostridium perfringens* according to ISO 7937 Standard.

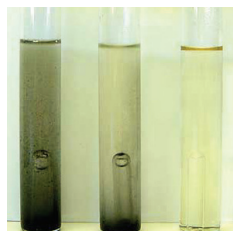
02-519-500	500g	
064-TA0846	20 tubes of 9mL with Durham tubes	

SODIUM METABISULFITE SELECTIVE SUPPLEMENT

06-114CASE	10 vials	
06-114-LYO	5 vials + 5 vials of solvent	

FERRIC AMMONIUM CITRATE SUPPLEMENT (312mg)

06-113CASE	10 vials	
06-113-LYO	5 vials + 5 vials of solvent	

Left: *Clostridium perfringens* ATCC 10543; Center: *Clostridium perfringens* ATCC 13124; Right: Uninoculated tube (Control)**LACTOSE TTC SODIUM HEPTADECYL SULFATE AGAR (01-053)**

→ SEE CHAPMAN TTC AGAR

m-LAURYL SULFATE AGAR (01-524)Solid medium for the isolation and enumeration of coliforms and *Escherichia coli* from water by membrane filtration technique.

01-524-500	500g	
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LAURYL SULFATE MUG BROTH (02-527)Fluorogenic liquid culture medium for the detection and enumeration of coliforms, especially *Escherichia coli* in water and food.

064-TA0260	20 tubes of 10mL	
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LAURYL SULFATE TRYPTOSE BROTH (02-108)

→ SEE TRYPTOSE LAURYL SULFATE BROTH

LAURYL SULFATE TRYPTOSE MANNITOL TRYPTOPHAN BROTH (02-460)

→ SEE TRYPTOSE LAURYL SULFATE MANNITOL TRYPTOPHAN BROTH

LB AGAR ACCORDING TO MILLER (01-385)Solid medium for general purposes recommended for the molecular genetics studies with *Escherichia coli*.

01-385-500	500g	
01-385BA05	5x500mL	

LB BROTH (02-384)Liquid medium used for general purposes, recommended for molecular genetics studies with *Escherichia coli*.

02-384-500	500g	
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LB BROTH ACCORDING TO LENNOX (02-406)Liquid medium used for general purposes, recommended for molecular genetics studies with *Escherichia coli*.

02-406-500	500g	
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LB BROTH ACCORDING TO MILLER (02-385)Liquid medium for general purposes, recommended for molecular genetics studies with *Escherichia coli*.

02-385-500	500g	
02-385BA05	5x500mL	

Left: *Salmonella typhimurium* ATCC 14028; Center: *Escherichia coli* ATCC 11775; Right: Uninoculated tube (Control)**LEGIONELLA BCYE AGAR (01-687)**

→ SEE BCYE AGAR

LEGIONELLA BCYE AGAR WITHOUT CYSTEINE

→ SEE BCYE AGAR WITHOUT CYSTEINE

LEGIONELLA BCYE SELECTIVE AGAR

→ SEE BCYE SELECTIVE AGAR

LETHEEN AGAR (01-236)

→ AOAC LETHEEN AGAR

→ TGE W. LECITHIN W. TWEEN 80

AOAC / ASTM / BAM

Solid medium for assays of antimicrobial action of quaternary ammonium compounds (QAC's).

01-236-500	500g	
064-BA3019	10 flasks of 100mL	

POLYSORBATE 80 (Additive)

TW00800100	100mL	
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LETHEEN BROTH (02-236)**AOAC / ASTM**

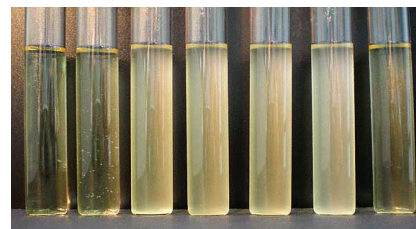
Liquid culture medium used for the determination of germicidal activity coefficients of cationic detergents.

02-236-500	500g	
02-236BA05	5x500mL	

064-BA3018	10 flasks of 100mL	
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POLYSORBATE 80 (Additive)

TW00800100	100mL	
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Media also
available in drums
of 5, 10, 25Kg
scharlab.com

**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0.7g/L, Histidine 1g/L and Sodium thiosulfate 0.5g/L according to European recommendations.**CE** : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

LETHEEN MODIFIED AGAR (01-237)**ASTM / BAM / ISO**

Solid medium for a primary screening for microorganisms in cosmetics according to the FDA, and ISO 21149, 22717 and 22718 Standards.

01-237-500	500g	
01-237BA05	5x500mL	
064-PA0047	20 plates of 90mm Ø	
POLYSORBATE 80 (Additive)		
TW00800100	100mL	

*Salmonella typhimurium*
ATCC 14028**LETHEEN MODIFIED BROTH (02-237)****AOAC / BAM / ISO**

FDA recommended liquid medium for the primary recovery of stressed microorganisms in the microbial examination of cosmetics according to ISO 21149, 22717 and 22718 Standards.

02-237-500	500g	
02-237BA05	5x500mL	
0BA2145-90	10 flasks of 90mL	
064-TA6070	20 tubes of 9mL	
POLYSORBATE 80 (Additive)		
TW00800100	100mL	

LEVINE AGAR (01-068)

→ SEE EMB AGAR

LIEBERMEISTER & BRAVENY AGAR (01-446)

Solid medium for the selective isolation of β-hemolytic streptococci in throat samples.

01-446-500	500g	
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→ Needs addition of Blood.

LISTERIA MEDIA**LISTERIA AGAR ACCORDING TO OTTAVIANI & AGOSTI (01-719)**

→ SEE MICROINSTANT CHROMOGENIC LISTERIA AGAR ACC. TO OTTAVIANI & AGOSTI

LISTERIA ENRICHMENT BROTH ACCORDING TO FRASER (02-496)

→ SEE FRASER LISTERIA BROTH

LISTERIA MEDIA (Continue)**LISTERIA ENRICHMENT BROTH ACCORDING TO LOVETT (02-498)****BAM / IDF**Liquid culture medium for the enrichment of *Listeria* spp. according to Lovett *et al.*

02-498-500	500g	
02-498BA05	5x500mL	

LISTERIA ENRICHMENT ACCORDING TO FDA AND IDF**SELECTIVE SUPPLEMENT**

06-107CASE	10 vials	
06-107-LYO	5 vials + 5 vials of solvent	

Left: Uninoculated tube (Control); Center: *Listeria monocytogenes* ATCC 19114; Right: *Listeria monocytogenes* ATCC 19112**LISTERIA ENRICHMENT BROTH UVM (02-472)**

→ SEE UVM LISTERIA BROTH

LISTERIA OXFORD AGAR (01-471)

→ SEE OXFORD LISTERIA AGAR

LISTERIA PALCAM AGAR (01-470)

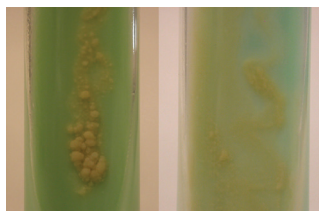
→ SEE PALCAM LISTERIA AGAR

LITSKY AZIDE BROTH (02-028)

→ SEE ETHYL VIOLET AZIDE BROTH

LÖWENSTEIN-JENSEN MEDIUM (02-627)Medium for cultivation and differentiation of species of *Mycobacterium* spp.

02-627-500	500g	
064-TA0165	20 slanted agar tubes	

Left: *Mycobacterium tuberculosis*; Right: *Mycobacterium kansasii***LÖWENSTEIN-JENSEN PYRUVATE MEDIUM**Medium supplemented with pyruvate for the cultivation and differentiation of species of *Mycobacterium*. Allows for a good growth of *Mycobacterium bovis*.

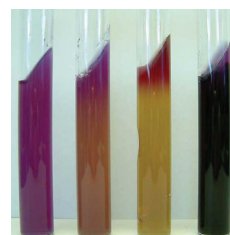
064-TA0166	20 slanted agar tubes	
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LYSINE DECARBOXYLASE BROTH ACCORDING TO TAYLOR (02-336)

→ SEE DECARBOXYLASE LYSINE BROTH

LYSINE IRON AGAR (LIA) (01-094)**AOAC / APHA / COMPF / SMD**Differential medium for enterobacteria, recommended by Edwards and Ewing for *Salmonella* and *Arizona* identification.

01-094-500	500g	
01-094BA05	5x500mL	
064-TA0117	20 slanted agar tubes	

First tube: Uninoculated tube (Control); Second tube: *Escherichia coli* ATCC 25922; Third tube: *Proteus mirabilis* ATCC 43071; Fourth tube: *Salmonella typhimurium* ATCC 14028**MACCONKEY AGAR (01-118)**

→ MEDIUM H EUR. PHARM. 5TH ED.

→ MACCONKEY NO. 3 AGAR

AOAC / BAM / COMPF / EP / HP / ISO / SMWW / USP C €Selective and differential medium used in the detection, isolation and enumeration of *Salmonella* in clinical specimens and coliforms according to the Pharmacopoeial Harmonized Methodology and in foodstuffs specimens according to ISO Standard 21150.

01-118-500	500g	
01-118BA05	5x500mL	
064-PA0019	20 plates of 90mm Ø	
064-PR0011	30 contact plates	
064-BA1003	10 flasks of 100mL	

*Escherichia coli* ATCC 8739

CHROMagar™
Chromogenic media,
see page 41

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTH:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**C €** : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

MACCONKEY AGAR NO. 2 (01-682)

Modification of MacConkey Agar containing bile salts No. 2 for the recognition of enterococci.

01-682-500 500g **MACCONKEY BROTH (02-118)****AOAC / ISO / SMWW**

Liquid medium used for the detection and enumeration of coliforms by MPN technique.

02-118-500 500g 02-118BA05 5x500mL Left: Uninoculated tube (Control); Center: *Escherichia coli* ATCC 25922; Right: *Salmonella typhimurium* ATCC 14028**MACCONKEY BROTH (EUR. PHARM.) (02-611)**

→ MEDIUM G EUR. PHARM. 5TH ED.

HP / EP

Liquid medium for the detection and enumeration of coliforms according to Pharmacopoeia Harmonized method.

02-611-500 500g 02-611BA05 5x500mL 064-BA2143 10 flasks of 100mL 064-TA2135 20 tubes of 9mL with Durham tubes Left: Uninoculated tube (Control); Center: *Escherichia coli* ATCC 25922; Right: *Salmonella typhimurium* ATCC 14028**MACCONKEY SORBITOL AGAR (SMAC AGAR) (01-729)**

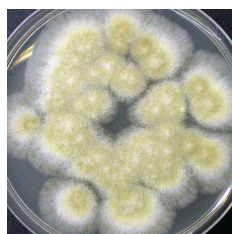
→ SEE SORBITOL MACCONKEY AGAR (SMAC)

MALT EXTRACT AGAR ACCORDING TO BLAKESLEE (01-672)**IFU**

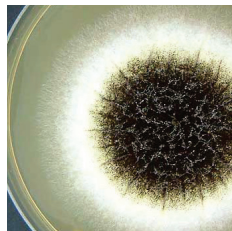
Solid medium to achieve typical growth and sporulation of fungi according to methodology of CBS and IFU.

01-672-500 500g **MALT EXTRACT AGAR NO. 1 (01-111)****BAM / COMPF**

Solid culture medium for the isolation and enumeration of fungi. With gelatin peptone.

01-111-500 500g 01-111BA05 5x500mL *Aspergillus niger*
ATCC 16404**MALT EXTRACT AGAR NO. 2 (01-573)**

Solid culture medium for the isolation and enumeration of fungi. With soy peptone.

01-573-500 500g 01-573BA05 5x500mL *Aspergillus niger*
ATCC 16404**MALT EXTRACT AGAR NO. 3 (01-574)****BAM**

Solid culture medium for the isolation and enumeration of fungi. With mycological peptone.

01-574-500 500g 01-574BA05 5x500mL 064-PA0027 20 plates of 90mm Ø 064-PR0031 30 contact plates **MALT EXTRACT BROTH NO. 1 (02-111)****BAM / COMPF**

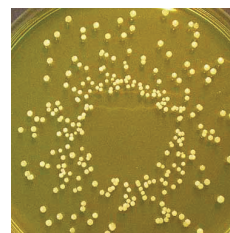
Liquid medium for moulds and yeasts.

02-111-500 500g **MALT EXTRACT BROTH NO. 2 (02-491)**Liquid culture medium for moulds and yeasts according to the modification of Reis for *Aspergillus flavus*.02-491-500 500g **MANNITOL SALT AGAR (01-116)**

→ CHAPMAN AGAR

HP / BAM / ISO / USP**C € [IVD]**

Selective medium for the isolation of pathogenic staphylococci according to the Pharmacopoeial Harmonized Methodology and the ISO 22718 Standard.

01-116-500 500g 01-116BA05 5x500mL 064-PR0015 30 contact plates 064-PF0025 30 plates of 55mm Ø *Staphylococcus aureus*
ATCC 6538 48h**MANNITOL Selenite Broth (02-652)**Liquid enrichment medium specially recommended for *Salmonella typhi* and *Salmonella paratyphi B*.02-652-500 500g 02-652BA05 5x500mL **SODIUM BISELENITE (Additive)** S001600100 100g **MARINE AGAR (01-291)**

Solid culture medium for heterotrophic marine bacteria.

01-291-500 500g *Vibrio alginolyticus*
ATCC 17749**NEW!**

Dehydrated culture media for microbiology in preweighed sachets

**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**C € :** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

MAXIMUM RECOVERY DILUENT (MRD) (02-510)

→ UNIVERSAL DILUENT

→ SALINE PEPTONE WATER

ISO

Isotonic diluent for maximum recovery of stressed microorganisms according to ISO 6887, 8261, 21149, 21150, 22717 and 22718 Standards.

02-510-500	500g	
02-510BA05	5x500mL	
064-BA0733	10 flasks of 90mL	
064-TA0073	20 tubes of 10mL	
064-TA6074	20 tubes of 9mL	
064-BA04-2	5 bags of 2 litres*	

→ *Connectors for bags, Art. No. 064-V70815.

METHYL RED VOGES PROSKAUER BROTH (02-207)

→ SEE MRVP BROTH

METHYL RED VOGES PROSKAUER SALINE BROTH (02-456)

→ SEE MRVP SALINE BROTH

MICROBIAL CONTENT TEST AGAR (01-613)

→ SEE TSA LECITHIN & POLYSORBATE

MICROINSTANT CHROMOGENIC LISTERIA AGAR ACC. TO OTTAVIANI & AGOSTI (01-719)**ISO**

Chromogenic culture media for the detection and isolation of *Listeria spp.* and *Listeria monocytogenes* according to Ottaviani & Agosti formula and to ISO 11290.

01-719-10L	1x10L	
01-719BA05	5x500mL	
064-PA0084	20 plates of 90 mm Ø	

MICROINSTANT LISTERIA ENRICHMENT SUPPLEMENT

06-754-024	10 vials	
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MICROINSTANT LISTERIA SELECTIVE SUPPLEMENT

06-755-LYO	10 vials	
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MINERAL MODIFIED GLUTAMATE AGAR (01-659)**APHA / COMPF / IDF / ISO**

Solid medium for resuscitation and recovery of *Escherichia coli* cells damaged by heat, freezing or chemical process according to ISO 11866 and 16649 and FIL-IDF Standards.

01-659-500	500g	
01-659BA05	5x500mL	

SODIUM GLUTAMATE (Additive)

S004000500	500g	
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AMMONIUM CHLORIDE (Additive)

AM02730500	500g	
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MINERAL MODIFIED GLUTAMATE MEDIUM (02-656)**ISO**

Liquid medium for the selective enrichment of *Escherichia coli* according to ISO 16649.

02-656-500	500g	
02-656BA05	5x500mL	

SODIUM GLUTAMATE (Additive)

S004000500	500g	
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AMMONIUM CHLORIDE (Additive)

AM02730500	500g	
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MOSSEL BROTH (02-064)

→ SEE E. E. BROTH

MOTILITY INDOL ORNITHINE FLUID MEDIUM (MIO) (03-422)**BAM**

Medium for demonstrating motility, indol production and ornithine decarboxylase activity of enterobacteria.

03-422-500	500g	
064-TA0119	20 tubes of 9mL	



Left: Uninoculated tube (Control); Center: *Escherichia coli* ATCC 25922; Right: *Salmonella typhimurium* ATCC 14028

MOTILITY NITRATE MEDIUM (03-612)**BAM / ISO**

Fluid medium for the identification of *Clostridium perfringens* according to ISO 7937 Standard.

03-612-500	500g	
03-612BA05	5x500mL	

GLYCEROL (Additive)

GL00261000	1 litre	
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MRS AGAR (01-135)

→ LACTOBACILLI MRS AGAR

COMPF / IDF / IFU / ISO

Solid culture medium for lactobacilli, according to ISO 9332 and 15214 standards and 5, 7 and 9 IFU Methods.

01-135-500	500g	
01-135BA05	5x500mL	
064-PA0007	20 plates of 90mm Ø	
064-BA2130	10 flasks of 100mL	

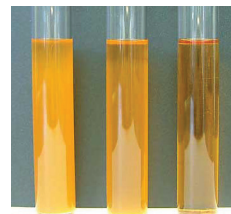


Lactobacillus fermentum
ATCC 9338

MRS BROTH (02-135)**IFU / ISO**

Liquid culture medium for lactobacilli, according to Man, Rogosa and Sharpe and ISO 9232 and 15214 Standards.

02-135-500	500g	
02-135BA05	5x500mL	
064-TA0173	20 tubes of 10mL	



Left: *Lactobacillus fermentum* ATCC 9338; Center: *Escherichia coli* ATCC 25922; Right: Uninoculated tube (Control)

MRVP BROTH (METHYL RED VOGES PROSKAUER BROTH) (02-207)

→ CLARK'S LUBS MEDIUM

BAM / IDF / ISO / SL

Classic liquid culture medium for differential tests (Voges-Proskauer and Methyl Red) in enterobacteria according to ISO 6579, 6585 and FIL-IDF Standards.

02-207-500	500g	
02-207BA05	5x500mL	
064-TA0261	20 tubes of 10mL	

MRVP SALINE BROTH (METHYL RED VOGES PROSKAUER SALINE BROTH) (02-456)

Liquid culture medium for the Methyl Red and Voges-Proskauer test in marine bacteria.

02-456-500	500g	
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VP test

Left: Uninoculated tube (Control); Center: *Vibrio alginolyticus* ATCC 17749; Right: *Vibrio parahaemolyticus* ATCC 17802



RM test

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTH: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

CE : Culture medium declared as a sanitary product for *in vitro* diagnosis.

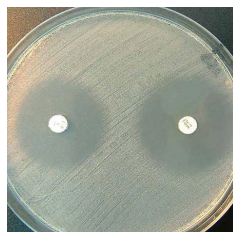
Culture Media for Microbiology

Dehydrated and prepared culture media

MUELLER-HINTON AGAR (01-136)**BAM / CLSI (NCCLS) / ISO****C €** 

Recommended medium used to perform the Antibiotic and Sulphonamides Sensibility Test with pathogenic microorganisms from clinical specimens, according to the Kirby-Bauer and Ericsson methodology.

01-136-500	500g	
01-136BA05	5x500mL	
064-BA1004	10 flasks of 100mL	



Staphylococcus aureus
ATCC 25923

MYP AGAR (01-262)→ SEE *BACILLUS CEREUS* AGAR**NEUTRALIZING FLUID (02-512)****EP**

Liquid medium for neutralizing antimicrobials, according to Eur. Pharm.

02-512-500	500g	
02-512BA05	5x500mL	

NEUTRALIZING SPECIAL BROTH (02-583)

Liquid medium for neutralizing of preservatives in cosmetic and pharmaceutical products.

02-583-500	500g	
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NUTRIENT AGAR (01-140)**BAM / BP / ISO**

Solid culture medium for general purposes and less fastidious organisms according to ISO 16266 and EN 12780 Standards.

01-140-500	500g	
01-140BA05	5x500mL	
064-PF0001	30 plates of 55mm Ø	
064-BA1035	10 flasks of 100mL	
064-TA2144	20 tubes of 15mL	



Salmonella typhimurium
ATCC 14028

MUELLER-HINTON BROTH (02-136)**CLSI (NCCLS) / CMPH**

Liquid version of the agar of the same type, recommended for the study about MIC of antibiotics.

02-136-500	500g	
02-136BA05	5x500mL	

MÜLLER-KAUFFMANN TETRATHIONATE BROTH (02-335)

→ TETRATHIONATE ACC. TO MÜLLER-KAUFFMANN BROTH

→ MKTTn

DIN / ISO

Medium for selective enrichment of *Salmonella* spp. according to ISO 6579.

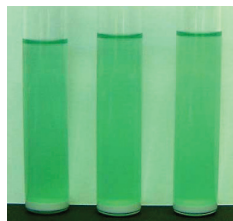
02-335-500	500g	
02-335BA05	5x500mL	
064-BA1024	10 flasks of 100mL	
064-TA1024	20 tubes of 10mL	

BRILLIANT GREEN SELECTIVE SUPPLEMENT**WITH NOVOBIOICIN**

06-017CASE	10 vials	
06-017-LYO	5 vials + 5 vials of solvent	

IODINE POTASSIUM IODIDE SOLUTION (Also have to be added to the presentation of prepared medium)

064-V11108	1 vial 50mL	
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Left: *Salmonella typhimurium* ATCC 14028; Center: *Pseudomonas aeruginosa* ATCC 27853; Right: *Escherichia coli* ATCC 25922

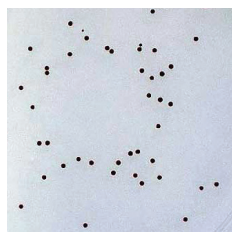
NICKERSON AGAR (BIGGY AGAR) (01-137)

→ BISMUTH GLYCINE CLUCOSE YEAST AGAR

→ NICKERSON CANDIDA ELECTIVE AGAR

Culture medium for the isolation and identification of *Candida* spp.

01-137-500	500g	
01-137BA05	5x500mL	
064-PA0018	20 plates of 90mm Ø	



Candida albicans
ATCC 10231

NITRATE BROTH (02-138)**BAM / COMPF / ISO**

Liquid culture medium used for verifying the nitrate reducing ability of enterobacteria according to ISO 7932 Standard.

02-138-500	500g	
064-TA0128	20 tubes of 10mL	



Left: *Escherichia coli* ATCC 25922; Center: *Escherichia coli* ATCC 8739; Right: Negative nitrate (Control)

NUTRIENT AGAR (APHA) (01-144)**COMPF / EP / ISO**

Solid culture medium for the general purposes according to ISO 6340, 6579, 6785, 8523, 10273 standards and APHA.

01-144-500	500g	
01-144BA05	5x500mL	

NUTRIENT AGAR (ISO) (01-635)**ISO**

Solid culture medium for general purposes according to ISO 21528-1 and 21528-2 Standards.

01-635-500	500g	
01-635BA05	5x500mL	

NUTRIENT AGAR NO. 2 (01-451)

→ SEE PRESTON CAMPYLOBACTER AGAR

NUTRIENT BROTH (02-140)**BP**

A general purpose liquid culture medium for the non fastidious microorganisms, according to the British Pharmacopoeia.

02-140-500	500g	
02-140BA05	5x500mL	



NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTh: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

NUTRIENT BROTH (APHA) (02-144)**COMPF / EP / ISO / SMD / SMWW**

Liquid medium for the cultivation of non fastidious microorganisms according to APHA and ISO 6340, 6569, 6785, 8523, 10273 and 16266 Standards.

02-144-500	500g	
02-144BA05	5x500mL	

OGYE AGAR (01-275)

→ SEE SABOURAUD OXYTETRACYCLINE AGAR

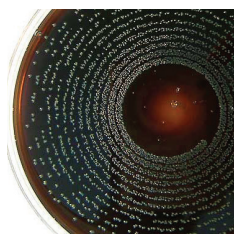
ORANGE SERUM AGAR (OSA) (01-698)**IFU**

Solid medium for the culture of aciduric organisms especially those associated with spoilage of citrus products and their derivatives.

01-698-500	500g	
064-PA7035	20 plates of 90mm Ø	
064-BA7035	10 flasks of 100mL	

OXFORD AGAR (01-471)**ISO**Solid, selective and differential medium for the detection, enumeration and isolation of *Listeria spp.* according to ISO standards 11290-1 and 11290-2.

01-471-500	500g	
01-471BA05	5x500mL	
OXFORD SELECTIVE SUPPLEMENT		
06-127-LYO	5 vials + 5 vials of solvent	

*Listeria monocytogenes*
ATCC 19114**OXIDATION-FERMENTATION FLUID MEDIUM BASE (O/F MEDIUM) (03-037)**

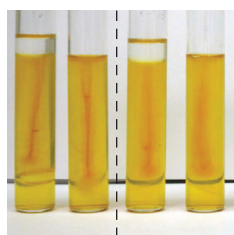
→ HUGH & LEIFSON MEDIUM

→ O/F ENTERIC MEDIUM

AOAC / BAM / CMPI / COMPF

Fluid medium used for determining the oxidative and/or fermentative metabolism of Gram negative bacilli.

03-037-500	500g	
064-TA0129	20 tubes of 10mL	
medium base with glucose included		

Left: *Escherichia coli*
ATCC 25922;
Right: *Salmonella typhimurium* ATCC 14028**P AGAR (01-001)**

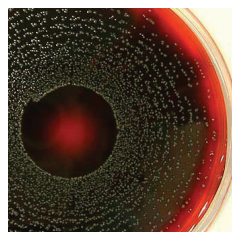
→ SEE KING A AGAR

PALCAM AGAR (01-470)**ISO**Solid, selective and differential medium for the detection, enumeration and isolation of *Listeria spp.* according to ISO 11290-1 and 11290-2 Standards.

01-470-500	500g	
01-470BA05	5x500mL	
064-PA0070	20 plates of 90mm Ø	

PALCAM SELECTIVE SUPPLEMENT

06-110CASE	10 vials	
06-110-LYO	5 vials + 5 vials of solvent	

*Listeria monocytogenes*
ATCC 19114**PBS (PHOSPHATE BUFFERED SALINE)**

Isotonic solution for dilutions.

064-BA0103	10 flasks of 100mL	
064-TA0104	20 tubes of 9mL	
064-TA0103	20 tubes of 1mL	

PCA (01-161)

→ SEE PLATE COUNT AGAR

PEMBA AGAR (01-487)

→ SEE BACILLUS CEREUS SELECTIVE AGAR

PEPTONE WATER**PEPTONE WATER (03-156)**

→ SEE TRYPTONE WATER

PEPTONE WATER, ALKALINE SALINE (02-697)

→ SEE ALKALINE SALINE PEPTONE WATER

PEPTONE WATER, BUFFERED (02-277)

→ SEE BUFFERED PEPTONE WATER

PEPTONE WATER, BUFFERED (EUR. PHARM.) (02-494)

→ SEE BUFFERED PEPTONE WATER EUR. PHARM.

PEPTONE WATER (Continue)**PEPTONE WATER, PHOSPHATE-BUFFERED (02-568)**

→ SEE PHOSPHATE-BUFFERED PEPTONE WATER

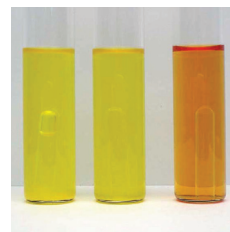
PEPTONE WATER, SALINE (02-510)

→ SEE SALINE PEPTONE WATER

PHENOL RED BROTH BASE (02-032)**BAM / COMPF / ISO**

Liquid culture medium suitable for fermentation studies of sugars and other substrates according to ISO 10273.

02-032-500	500g	
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Left: Uninoculated tube (Control); Center: *Staphylococcus aureus* ATCC 25923; Right: *Escherichia coli* ATCC 25922**PHENYLALANINE AGAR (01-083)**

→ PPA

→ PA MEDIUM

CMPICulture medium for enterobacteriaceae, according to Ewing *et al.* For detecting the ability of the *Proteus* genus to convert phenylalanine into phenylpyruvic acid. Requires the addition of 0,2mL of a 10% solution of ferric chloride.

01-083-500	500g	
01-083BA05	5x500mL	
064-TA0112	20 slanted agar tubes	

*Proteus mirabilis* ATCC 43071. "Dark green reaction with 10% ferric chloride solution"**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTH:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**CE** : Culture medium declared as a sanitary product for *in vitro* diagnosis.

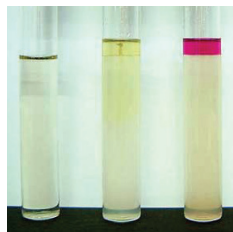
Culture Media for Microbiology

Dehydrated and prepared culture media

**PHOSPHATE-BUFFERED
PEPTONE WATER (02-568)****SL**

Liquid non-selective pre-enrichment medium for enterobacteria according to Schweizerisches Lebensmittelbuch.

02-568-500 500g 



Left: Uninoculated tube (Control); Center: *Pseudomonas aeruginosa* ATCC 9027; Right: *Escherichia coli* ATCC 8739

PLATE COUNT AGAR (PCA) (01-161)**→ TRIPTICASE GLUCOSE YEAST AGAR****→ TGY AGAR****→ STANDARD METHODS AGAR (SMA)****→ SM AGAR****BAM / COMPF / IDF / IFU / ISO / USP**

Medium for the aerobic plate count by surface inoculation method (Standard Plate Count Agar) according to ISO 4833, 8552 and 17410 standards and IFU No. 6.

01-161-500	500g	
01-161BA05	5x500mL	
064-PA0024	20 plates of 90mm Ø	
064PA0024I	20 irradiated plates of 90mm Ø	
064-PA0144	20 plates of 90mm Ø with TTC triple packaging	
064-PF0007	30 plates of 55mm Ø	
064-PR0001	30 contact plates	
064-PR0020	30 contact plates with TLHTh	
064-PR0041	24 contact plates triple packaging	
064-PR0039	24 contact plates triple packaging with TLHTh	
064-BA3038	10 flasks of 200mL	
064-BA1005	10 flasks of 100mL	
064-TA0325	20 tubes of 15mL	
064-TA0199	20 tubes of 10mL	



Enterococcus faecalis
ATCC 19433

**PLATE COUNT MODIFIED AGAR (01-329)****→ MODIFIED PCA****BAM / COMPF / IDF / IFU / ISO / USP**

Modification of Plate Count Agar with a lesser amount of agar, especially recommended for aerobic enumeration in plates, by the poured plates method.

01-329-500	500g	
01-329BA05	5x500mL	

PLATE COUNT SKIM MILK AGAR (01-412)**→ SKIM MILK PCA****DIN / IDF / IFU / ISO**

Solid medium for plate counts of milk and dairy products, according to DIN and FIL/IDF Standards.

01-412-500	500g	
01-412BA05	5x500mL	
064-BA3057	10 flasks of 200mL	
064-BA2120	10 flasks of 100mL	



Listeria monocytogenes
ATCC 19114

POTATO DEXTROSE AGAR (PDA) (01-483)**HP / BAM / COMPF / USP**

Solid culture medium used for the detection and enumeration of yeast and moulds in food, specially recommended in dairy products and other samples, according to the Pharmacopoeial Harmonized Methodology.

01-483-500	500g	
01-483BA05	5x500mL	
064-PA0015	20 plates of 90mm Ø	



Aspergillus niger
ATCC 16404

POTATO DEXTROSE BROTH (02-483)**BAM / COMPF / SMD / USP**

Liquid culture medium for the maintenance and multiplication of yeast.

02-483-500	500g	
02-483BA05	5x500mL	

PPA (01-083)**→ SEE PHENYLALANINE AGAR****PRESENCE / ABSENCE COLIFORM BROTH****→ SEE COLIFORM PRESENCE / ABSENCE BROTH****PRESTON CAMPYLOBACTER
AGAR (01-451)****→ NUTRIENT AGAR NO. 2**

Medium of general use that when appropriately supplemented is used as a selective medium for Campylobacter.

Instructions: For 500mL of Preston Campylobacter Agar it is necessary to add 1 vial of 06-130-LYO or 06-135-LYO (for the modified Preston Agar) to the medium base Art. No. 01-451 (previous addition of supplement Art. No. 06-128-008).

01-451-500	500g	
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CAMPYLOBACTER GROWTH SUPPLEMENT

06-128-008	10 vials (liquid)	
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CAMPYLOBACTER PRESTON SELECTIVE SUPPLEMENT

06-130-LYO	5 vials + 5 vials of solvent	
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CAMPYLOBACTER PRESTON MODIFIED**SELECTIVE SUPPLEMENT**

06-135-LYO	5 vials + 5 vials of solvent	
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→ Needs addition of Blood.**PRESTON CAMPYLOBACTER
BROTH (02-561)****→ NUTRIENT BROTH NO. 2**

Liquid medium for general use, with a high concentration of nutrients. Appropriately supplemented is used as a selective enrichment for Campylobacter.

Instructions: For 500mL of Preston Campylobacter Broth it is necessary to add 1 vial of 06-130-LYO or 06-135-LYO (for the modified Preston Broth) to the medium base Art. No. 02-561 (previous addition of supplement Art. No. 06-128-008).

02-561-500	500g	
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CAMPYLOBACTER GROWTH SUPPLEMENT

06-128-008	10 vials (liquid)	
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CAMPYLOBACTER PRESTON SELECTIVE SUPPLEMENT

06-130-LYO	5 vials + 5 vials of solvent	
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CAMPYLOBACTER PRESTON MODIFIED SELECTIVE SUPPLEMENT

06-135-LYO	5 vials + 5 vials of solvent	
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→ Needs addition of Blood.**PSB (PEPTONE SORBITOL BILE BROTH)****ISO**

Liquid medium for enrichment of *Yersinia* spp. in food samples according to ISO 10273 Standard.

064-BA7066	10 flasks of 100mL	
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**PSEUDOMONAS SELECTIVE AGAR BASE
(01-160)****→ SEE CETRIMIDE AGAR**

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTh: Polysorbate 80 5g/L, Lecithin 0.7g/L, Histidine 1g/L and Sodium thiosulfate 0.5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

PSEUDOMONAS AGAR BASE (01-728)**ISO / EN**

Solid culture media for selective isolation of *Pseudomonas aeruginosa*.

01-728-500 500g 

01-728BA05 5x500mL 

To obtain CFC Selective Pseudomonas Agar add:

CFC SELECTIVE SUPPLEMENT

06-726-LYO 5 vials + 5 vials of solvent 

To obtain CN Selective Pseudomonas Agar according to EN 12780 and ISO 16266 Standards add:

CN SELECTIVE SUPPLEMENT

06-742-LYO 5 vials + 5 vials of solvent 

PURPLE BROTH BASE (02-663)**ISO**

Basal broth used to verify of glucidic substrates for the biochemical differentiation of *Shigella* spp., according to ISO 21567 Standard.

02-663-500 500g 

02-663BA05 5x500mL 

PURPLE MAXIMUM RECOVERY DILUENT (02-631)**→ PURPLE UNIVERSAL DILUENT****ISO**

Isotonic diluent for the maximal recovery of stressed microorganisms from acidic foods and animal feeding stuffs according to ISO 6887 Standards.

02-631-500 500g 

02-631BA05 5x500mL 

R2A AGAR (01-540)**→ MEDIUM 5 OF THE EUR. PHARM. 5TH ED.****EP / HP (WATER MONOGRAPH 6TH ED) / SMWW**

Medium for the enumeration of heterotrophic microorganisms in treated water.

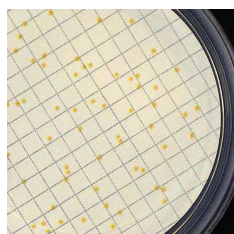
01-540-500 500g 

01-540BA05 5x500mL 

064PA0072I 20 irradiated plates of 90mm Ø 

064-PA0172 20 irradiated plates of 90mm Ø triple packaging 

064-PF0072 30 plates of 55mm Ø 



Staphylococcus aureus
ATCC 6538

**RAPPAPORT VASSILIADIS BROTH (02-379)****→ RAPPAPORT VASSILIADIS R10 BROTH****→ RVS BROTH****AOAC / BAM / COMPF / IDF / ISO**

Liquid medium for the selective enrichment of *Salmonella* in foodstuffs and other materials, according to ISO 6579 and FIL-IDF Standards.

02-379-500 500g 

02-379BA05 5x500mL 

064-TA0198 20 tubes of 10mL 



Left: Uninoculated tube (Control); Center: *Salmonella typhimurium* ATCC 14028; Right: *Shigella sonnei* ATCC 9290

RAPPAPORT VASSILIADIS MODIFIED SEMI-SOLID MEDIUM (03-376)**→ MSRV****ISO**

Semi-solid medium for the isolation of mobile *Salmonella* strains according to the annex to ISO 6579.

The solid medium does not include the additive Novobiocin, which must be added.

03-376-500 500g 

03-376BA05 5x500mL 

NOVOBIOCIN SELECTIVE SUPPLEMENT (10mg)

06-139-LYO 5 vials + 5 vials of solvent 



Salmonella typhimurium
ATCC 14028
Motility (+)

RAPPAPORT VASSILIADIS SALMONELLA ENRICHMENT BROTH (02-668)**HP / ISO**

Selective liquid medium used for the enrichment of *Salmonella* according to Pharmacopoeial Harmonised Method and ISO 6340 Standard.

02-668-500 500g 

02-668BA05 5x500mL 

064-TA1198 20 tubes of 10mL 

REINFORCED CLOSTRIDIAL AGAR (RCA) (01-289)

Solid medium for the cultivation and enumeration of clostridia and other anaerobic bacteria.

01-289-500 500g 

REINFORCED CLOSTRIDIAL MEDIUM (RCM) (03-289)**→ MEDIUM P EUR. PHARM. 5TH ED.****EP / HP**

Fluid medium for the cultivation and enumeration of clostridia by the MPN method according to Pharmacopoeia Harmonised Method.

03-289-500 500g 

03-289BA05 5x500mL 

064-BA3051 10 flasks of 100mL 

064-TA0201 20 tubes of 10mL 

RINGER SOLUTION (06-073)

Isotonic solution for cell suspensions also used as diluent.

06-073-500 500g 

064-BA3034 10 flasks of 90mL 

064-TA2120 20 tubes of 10mL 

064-TA2159 20 tubes of 9mL 

ROSE BENGAL AGAR (01-301)**→ ROSE BENGAL CHLORAMPHENICOL AGAR****→ RBC****→ ROSE BENGAL-MALT EXTRACT AGAR****COMPF / SMWW**

Solid and selective medium for isolation of yeast and moulds from the environment and food products.

01-301-500 500g 

01-301BA05 5x500mL 

064-PA0038 20 plates of 90mm Ø 

064-PR0007 30 contact plates 

064-PR0063 24 contact plates triple packaging 

064-BA1009 10 flasks of 100mL 

064-TA2146 20 tubes of 15mL 



Aspergillus niger
ATCC 16404

ROTHER AZIDE BROTH (02-027)**→ SEE AZIDE DEXTROSE BROTH ACCORDING TO ROTHE**

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTH: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

SABOURAUD MEDIA**SABOURAUD BROTH (02-165)**→ **SABOURAUD GLUCOSE BROTH****HP / USP**

Liquid medium for fungi prospection according to Pharmacopoeial Harmonised Method.

02-165-500	500g	
02-165BA05	5x500mL	
064-TA2148	20 tubes of 9mL	

SABOURAUD CHLORAMPHENICOL ACTIDIONE AGAR

Solid culture medium for the selective isolation of fungi.

064-PA0067	20 plates of 90mm Ø	
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SABOURAUD CHLORAMPHENICOL AGAR (01-166)**EP / ISO / USP**

Solid culture medium for the selective isolation of fungi.

01-166-500	500g	
01-166BA05	5x500mL	
064-PA0026	20 plates of 90mm Ø	
064PA00261	20 irradiated plates of 90mm Ø	
064-PA0137	20 irradiated plates of 90mm Ø	
	triple packaging	
064-PF0022	30 plates of 55mm Ø	
064-PR0003	30 contact plates	
064-PR0037	24 irradiated contact plates	
	triple packaging	
064-BA3039	10 flasks of 200mL	
064-BA1007	10 flasks of 100mL	
064-TA0136	20 slanted agar tubes	
064-TA2160	20 tubes of 15mL	



Saccharomyces cerevisiae
ATCC 9763

SABOURAUD CHLORAMPHENICOL PENASE AGAR

Solid culture medium for the selective isolation of fungi in environments with penicillin.

064-PA3135	20 plates of 90mm Ø	
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SABOURAUD MEDIA (Continue)**SABOURAUD DEXTROSE AGAR (01-165)**→ **MEDIUM C OF THE EUR. PHARM. 5TH ED.****BAM / EP / HP / ISO / USP**

Solid medium for the enumeration and cultivation of fungi according to Pharmacopoeial Harmonised Method and ISO 13681 Standard.

01-165-500	500g	
01-165BA05	5x500mL	
064-PA0025	20 plates of 90mm Ø	
064PA00251	20 irradiated plates of 90mm Ø	
064-PA0147	20 irradiated plates of 90mm Ø	
	triple packaging	
064-PF0006	30 plates of 55mm Ø	
064-PR0002	30 contact plates	
064-PR0062	24 contact plates triple packaging	
064-PR0042	24 contact plates with TLHTh	
	triple packaging	
064-PR0022	30 contact plates with TLHTh	
064-BA1006	10 flasks of 100mL	
064-TA0135	20 slanted agar tubes	

→ **Supplement 06-118CASE or 06-118-LYO (Chloramphenicol)** can be added to convert to Sabouraud Chloramphenicol.

Candida albicans
ATCC 10231

SABOURAUD OXYTETRACYCLINE AGAR (OGYEA) (01-275)→ **OXYTETRACYCLINE-GLUCOSE-YEAST EXTRACT AGAR**→ **OGY AGAR**→ **OGYE AGAR****EP / ISO / USP**

Solid culture medium for total enumeration of yeasts and moulds according to ISO 13681.

01-275-500	500g	
01-275BA05	5x500mL	
064-PA3124	20 plates of 90mm Ø	
064-BA2128	10 flasks of 100mL	

OXYTETRACYCLINE SELECTIVE SUPPLEMENT

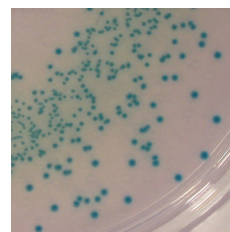
06-115CASE	10 vials	
06-115-LYO	5 vials + 5 vials of solvent	



Aspergillus niger
ATCC 16404

SAKAZAKI AGAR (01-744)Selective and differential chromogenic medium for the isolation and presumptive identification of *Cronobacter sakazakii*.

01-744-500	500g	
01-744BA05	5x500mL	
064-PA0146	20 plates of 90mm Ø	



Cronobacter sakazakii
ATCC 51329

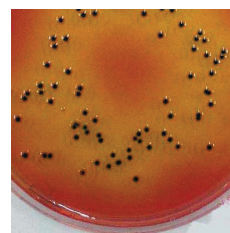
SALINE PEPTONE WATER (02-510)→ **SEE MAXIMUM RECOVERY DILUENT (MRD)****SALINE SOLUTION**

0,85% saline for use as a diluent.

064-TA0105	20 tubes of 3mL	
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SALMONELLA SHIGELLA AGAR (SS AGAR) (01-555)**AOAC / COMPF****C € [IVD]**Differential and selective solid medium for the isolation of *Salmonella* and some *Shigella* species from clinical specimens, food, etc.

01-555-500	500g	
01-555BA05	5x500mL	



Salmonella typhimurium
ATCC 14028

CHROMagar™
 Chromogenic media,
 see page 41

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**C € :** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

SELENITE BROTH (02-598)→ **SELENITE F BROTH****DIN / ISO**C € 

Liquid medium used for the enrichment of *Salmonella* and *Shigella* from clinical specimens and other products according to ISO 6785, 6340 Standards.

02-598-500	500g	
02-598BA05	5x500mL	
064-TA0138	20 tubes of 10mL	
SODIUM BIASENITE (Additive)		
S001600100	100g	



Salmonella typhimurium
ATCC 14028 (Excellent);
Pseudomonas aeruginosa
ATCC 27853

SELENITE CYSTINE BROTH (02-602)**BAM / COMPF / ISO / USP**

C €

Liquid medium used for the enrichment of *Salmonella* and *Shigella* from clinical specimens and other products according to ISO 6785, 6340 Standards.

02-602-500	500g	
02-602BA05	5x500mL	
064-TA0163	20 tubes of 10mL	
SODIUM BIASENITE (Additive)		
S001600100	100g	



Left: *Salmonella typhimurium* ATCC 14028; Center: *Escherichia coli* ATCC 25922; Right: Uninoculated tube (Control)

SENSITIVITY TEST AGAR (STA) (01-655)**CLSI**

Solid inhibitor-free culture medium for antibiotic susceptibility testing.

01-655-500	500g	
01-655BA05	5x500mL	

**SHIGELLA BROTH (02-662)****BAM / ISO**

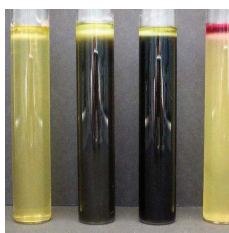
Liquid culture medium used for the selective enrichment of *Shigella* spp. according to ISO 21567 Standard.

02-662-500	500g	
02-662BA05	5x500mL	

SIM MEDIUM (03-176)

Differential medium for motility, H₂S production and indol formation.

03-176-500	500g	
03-176BA05	5x500mL	

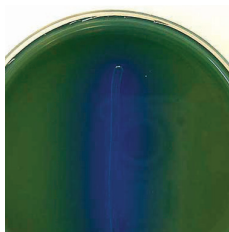


First tube: *Pseudomonas aeruginosa* ATCC 25668; Second tube: *Proteus mirabilis* ATCC 12453; Third tube: *Salmonella typhimurium* ATCC 14028; Fourth tube: *Escherichia coli* ATCC 8739

SIMMONS CITRATE AGAR (01-177)**AOAC / BAM / ISO / SMWW**

Solid medium for verifying the citrate utilization by enterobacteria according to ISO 10273 Standard.

01-177-500	500g	
01-177BA05	5x500mL	
064-TA0106	20 slanted agar tubes	



Salmonella typhimurium
ATCC 14028

SKIRROW SELECTIVE MEDIUM

Selective medium for the isolation of *Campylobacter* spp.
Instructions: For 500mL of Skirrow Selective Medium it is necessary to add 1 vial of 06-132-LYO to the medium base Art. No. 01-505 (Blood Agar No. 2) or Art. No. 01-034 (Columbia Blood Agar) previous addition of supplement art. no. 06-128-LYO.

Blood Agar No. 2

01-505-500	500g	
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Columbia Blood Agar

01-034-500	500g	
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CAMPYLOBACTER GROWTH SUPPLEMENT

06-128-008	10 vials (liquid)	
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CAMPYLOBACTER SKIRROW SELECTIVE SUPPLEMENT

06-132-LYO	5 vials + 5 vials of solvent	
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→ Needs addition on Blood.

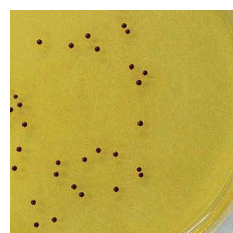
SLANETZ BARTLEY AGAR (01-579)→ **m-AZIDE AGAR**→ **m-ENTEROCOCCUS AGAR**→ **m-SLANETZ ENTEROCOCCUS AGAR****ISO**

Differential selective medium for the detection and enumeration of enterococci according to ISO 7899-2 Standard.

01-579-500	500g	
01-579BA05	5x500mL	
064-PF0004	30 plates of 55mm Ø	

TTC STERILE SOLUTION (Additive)

06-023-100	100mL	
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Enterococcus faecalis
ATCC 29212

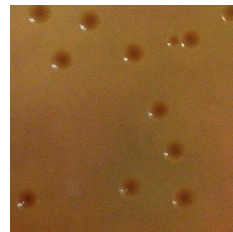
SORBITOL MACCONKEY AGAR (SMAC AGAR) (01-729)**ISO**

Selective and differential solid medium for the detection of enterohaemorrhagic *Escherichia coli* (EHEC O157:H7) according to ISO 16654 Standard.

01-729-500	500g	
01-729BA05	5x500mL	
064-PA3144	20 plates of 90mm Ø	

CT SMAC SELECTIVE SUPPLEMENT

06-146-LYO	5 vials + 5 vials of solvent	
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Escherichia coli ATCC 35150
(SER O157:H7)

SOYBEAN CASEIN LECITHIN POLYSORBATE 80 MEDIUM (02-613)→ **SEE TSB LECITHIN & POLYSORBATE 80****SPORULATING AGAR (01-069)**→ **AK AGAR**→ **AK 2 AGAR**→ **ARRET & KIRSHBAUM AGAR**→ **USP ANTIBIOTIC MEDIUM 32****USP**

This formulation is according to the Arret and Kirschbaum formulation, adopted by US, FDA for the preparation of spore suspension for antibiotic assay.

01-069-500	500g	
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NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTH: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

SPS AGAR (01-050)

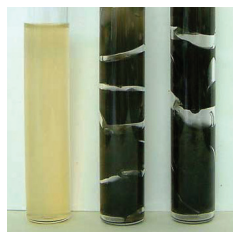
→ CLOSTRIDIUM PERFRINGENS SELECTIVE AGAR

→ SULFITE POLYMYXIN SULFADIAZINE AGAR

→ PERFRINGENS SELECTIVE AGAR

BAMSolid medium for detection of *Clostridium perfringens* and sulfite reducing clostridia in foods.

01-050-500	500g	
01-050BA05	5x500mL	
064-PA0073	20 plates of 90mm Ø	
064-PF0002	30 plates of 55mm Ø	
064-BA0027	10 flasks of 100mL	
064-TA0110	20 tubes of 10mL	
064-TA2161	20 tubes of 10mL double concentration	
064-TA2115	20 tubes of 10mL with Paraffin	

Left: Uninoculated tube (Control); Center: *Clostridium perfringens* ATCC 13124; Right: *Clostridium perfringens* ATCC 10543**SS AGAR (01-555)**

→ SEE SALMONELLA SHIGELLA AGAR

STUART RINGERTZ TRANSPORT MEDIUM (03-454)CE 

Medium used for the maintenance and transport of pathogenic specimens or fastidious microorganisms from clinical or other origin.

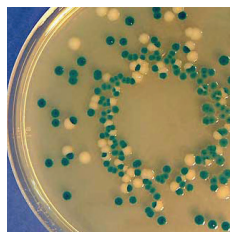
03-454-500	500g	
03-454BA05	5x500mL	

TBA (TRYPTONE BILE AGAR) (01-526)**ISO**Selective solid medium for the rapid enumeration of *Escherichia coli* in meat products and in water according to ISO 6391 and 9308-1 Standards.

01-526-500	500g	
01-526BA05	5x500mL	
064-PF0014	30 plates of 55mm Ø	

TBX AGAR (01-619)**ISO / SL**Selective and differential chromogenic solid medium for the detection and enumeration of β -glucuronidase positive *Escherichia coli* according to ISO 16649-1 and 16649-2 Standards.

01-619-500	500g	
01-619BA05	5x500mL	
064-PA0945	20 plates of 90mm Ø	
064-BA0945	10 flasks of 100mL	

Blue colonies: *Escherichia coli* ATCC 25922; Colourless colonies: *Salmonella Abony* NCTC 6017**TCBS AGAR (01-567)**

→ CHOLERA MEDIUM TCBS

AOAC / BAM / COMPF / ISOSolid medium for selective isolation of *Vibrio parahaemolyticus* according to ISO 8914 Standard.

01-567-500	500g	
01-567BA05	5x500mL	
064-PA0029	20 plates of 90mm Ø	

*Vibrio alginolyticus*
ATCC 17749**TERGITOL® 7 AGAR (01-053)**

→ SEE CHAPMAN TTC AGAR

TETRATHIONATE BILE BRILLIANT GREEN BROTH (EUR. PHARM.) (02-629)**EP**Liquid medium for the selective enrichment of *Salmonella* in the examination of pharmaceutical products.

02-629-500	500g	
02-629BA05	5x500mL	

→ Needs addition of 20g/L of potassium tetrathionate.

NOVOBIOCIN SELECTIVE SUPPLEMENT* (20mg)06-147-LYO 5 vials + 5 vials of solvent 

→ *This supplement can be added to achieve more selectivity.

TETRATHIONATE MÜLLER-KAUFFMANN MEDIUM (02-335)

→ SEE MÜLLER-KAUFFMANN TETRATHIONATE MEDIUM

DIN / ISO**TGE AGAR (TRYPTONE GLUCOSE EXTRACT AGAR) (01-082)**

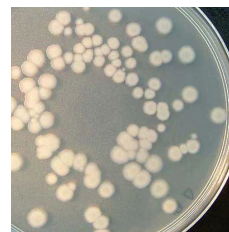
→ COLONY COUNT AGAR

→ TRYPTICASE GLUCOSE EXTRACT AGAR

AOAC / BAM / COMPF / SMD / SMWW

Plate count medium for milk and dairy products, according to the "Standard Methods for Dairy Products".

01-082-500	500g	
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*Bacillus subtilis* ATCC 6633**THAYER-MARTIN AGAR**

→ SEE GC AGAR BASE (01-310)

Scharlau,
 30 years of experience in the manufacture
 of dehydrated culture media
scharlab.com

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0.7g/L, Histidine 1g/L and Sodium thiosulfate 0.5g/L according to European recommendations.CE : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

THIOGLYCOLLATE MEDIA**THIOGLYCOLLATE BROTH (02-186)**

→ USP ALTERNATIVE THIOGLYCOLLATE MEDIUM

AOAC / COMPF / USP

C € 

Medium used for the cultivation of anaerobic pathogenic microorganisms from clinical specimens and in the sterility test for viscous or cloudy products.

02-186-500	500g	
02-186BA05	5x500mL	

*E. coli* ATCC 8739**THIOGLYCOLLATE FLUID MEDIUM (03-187)**

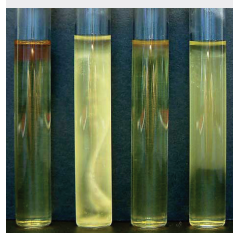
→ FTM

→ F THIO M

AOAC / BAM / EP / HP / USP

Fluid medium used for sterility testing according to harmonized Pharmacopoeia and for the cultivation of microaerophilic and anaerobic organisms.

03-187-500	500g	
03-187BA05	5x500mL	
064-BA1026	10 flasks of 100mL	
064-TA0134	20 tubes of 9mL	



First tube: Uninoculated tube (Control); Second tube: *Escherichia coli* ATCC 8739; Third tube: *Pseudomonas aeruginosa* ATCC 9037; Fourth tube: *Clostridium sporogenes* ATCC 19404

THIOGLYCOLLATE PENASE MEDIUM FLUID

Liquid medium used as a diluent, for enrichment and for the control of the sterility of anaerobic bacteria in environments with penicillin.

064-BA3059	10 flasks of 100mL	
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TODD-HEWITT BROTH (02-191)

Liquid culture medium for the propagation of β-haemolytic streptococci and for studies about serologic typing.

02-191-500	500g	
064-TA0157	20 tubes of 10mL	

TRIPLE SUGAR IRON AGAR (01-192)

→ SEE TSI

TRYPTONE BILE AGAR (01-526)

→ SEE TBA

TRYPTONE BILE GLUCURONIC (01-526)

→ SEE TBX AGAR

TRYPTONE PHOSPHATE WATER (02-277)

→ SEE BUFFERED PEPTONE WATER

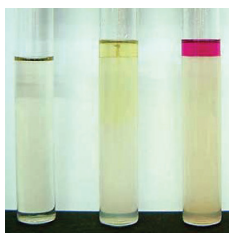
TRYPTONE WATER (03-156)

→ PEPTONE WATER

COMPF / ISO / SMWW

Substrate with low nutrient capacity, for the research of indol production in coliform microorganisms according to ISO 7251 Standard.

03-156-500	500g	
03-156BA05	5x500mL	
064-BA1023	10 flasks of 100mL	
064-TA0120	20 tubes of 10mL	
064-TA0847	20 tubes of 9mL	
064-TA2155	20 tubes of 9mL with TLHTH	



Left: Uninoculated tube (Control); Center: *Salmonella typhimurium* ATCC 14028; Right: *Escherichia coli* ATCC 25922

TRYPTONE WATER pH 7,5 (03-577)

Liquid medium used for the detection of indol-forming in coliforms bacteria.

03-577-500	500g	
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Listeria Agar
acc. to Ottaviani & Agosti
(see Microinstant
Chromogenic Listeria Agar
acc. to Ottaviani & Agosti)

Available in this catalogue,
see page 21

TRYPTONE YEAST EXTRACT AGAR (01-590)

→ WATER PLATE COUNT AGAR

ISO

Solid medium for the enumeration of microorganisms in water according to ISO 6222, 5667, 6887 and 8199 Standards.

01-590-500	500g	
01-590BA05	5x500mL	
064-PF0013	30 plates of 55mm Ø	
064-BA0013	10 flasks of 100mL	
064-TA0013	20 tubes of 15mL	

*Salmonella typhimurium* ATCC 14028**TRYPTOPHAN BROTH (02-418)**

ISO

Liquid medium for the production of indol according to ISO 9308, 6785 and 21567 Standards.

02-418-500	500g	
064-TA0115	20 tubes of 9mL	



Left: Uninoculated tube (Control); Center: *Salmonella typhimurium* ATCC 14028; Right: *Escherichia coli* ATCC 25922

TRYPTOSE LAURYL SULFATE BROTH (02-108)

→ LST

BAM / COMPF / IDF / ISO / SMD / SMWW

Liquid medium used for the detection and enumeration of coliform bacteria according to IDF-FIL 73B and ISO 4831 and 7251 Standards.

02-108-500	500g	
02-108BA05	5x500mL	
064-TA0451	20 tubes of 9mL with Durham tubes	

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.

With TLHTH: Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

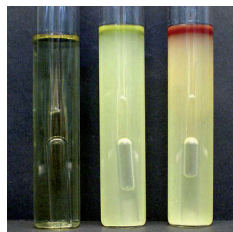
Dehydrated and prepared culture media

TRYPTOSE LAURYL SULFATE MANNITOL TRYPTOPHAN BROTH (02-460)

ISO

Liquid medium for the production of indol and gas in a single tube, according to ISO 9308-1 and 9308-2 Standards.

02-460-500 500g

Left: Uninoculated tube (Control); Center: *Salmonella typhimurium* ATCC 14028; Right: *Escherichia coli* ATCC 25922**TSA (TRYPTIC SOY AGAR)****TSA (TRYPTIC SOY AGAR) (01-200)**

→ MEDIUM B OF THE EUR. PHARM. 5TH ED.

→ CASEIN SOYBEAN DIGEST AGAR

BAM / COMPF / EP / HP / ISO / USP

General purpose solid medium containing animal and plant peptone according to Pharmacopoeial Harmonised Method and ISO Standards.

01-200-500	500g	
01-200BA05	5x500mL	
064-PA0031	20 plates of 90mm Ø	(90)
064PA0031I	20 irradiated plates of 90mm Ø	(90)
064-PA0138	20 irradiated plates of 90mm Ø	(90)
	triple packaging	
064PA0075I	20 irradiated plates of 90mm Ø with TLHTh	(90)
064-PA0139	20 irradiated plates of 90mm Ø	(90)
	triple packaging with TLHTh	
064-PF0026	30 plates of 55mm Ø	(90)
064-PR0004	30 contact plates	(90)
064-PR0005	30 contact plates with TLHTh	(90)
064-PR0038	24 contact plates	(90)
	triple packaging	
064-PR0013	24 contact plates	(90)
	triple packaging with TLHTh	
064-BA6043	10 flasks of 200mL	
064-BA1008	10 flasks of 100mL	
064-TA0121	20 slanted agar tubes	
064-TA0221	20 tubes of 15mL	

*Staphylococcus aureus*
ATCC 6538**TSA (TRYPTIC SOY AGAR) (Continue)****TSA β-LACTAMASE**

General purpose medium with neutralizers and β-lactamase for isolation and culture of microorganisms in the environmental monitoring of clear rooms in the presence of residues of certain disinfectants and β-lactamic antibiotics.

064-PA0055	20 irradiated plates of 90mm Ø	(90)
	triple packaging with TLHTh	
064-PR0050	24 contact plates	(90)
	triple packaging with TLHTh	

TSA LECITHIN & POLYSORBATE (01-613)

→ MICROBIAL CONTENT TEST AGAR

APHA / COMPF / SMD

Solid medium for sampling of surfaces of sanitary importance with contact plates technique.

01-613-500	500g	
01-613BA05	5x500mL	

*Bacillus subtilis* ATCC 6633**TSA PENASE**

General purpose solid medium for use in environments with penicillin.

064-PA3136	20 irradiated plates of 90mm Ø	(90)
064-PA6006	20 irradiated plates of 90mm Ø	(90)
	with TLHTh	
064-PA0134	20 irradiated plates of 90mm Ø	(90)
	triple packaging	
064-PA608T	20 irradiated plates of 90mm Ø	(90)
	triple packaging with TLHTh	
064-PR0028	30 contact plates	(90)
064-PR0027	30 contact plates	(90)
	with TLHTh	
064-PR0061	24 contact plates	(90)
	triple packaging	
064-PR0040	24 contact plates	(90)
	triple packaging with TLHTh	

TSB (TRYPTIC SOY BROTH)**TSB (TRYPTIC SOY BROTH) (02-200)**

→ MEDIUM A ACCORDING TO EUR. PHARM. 5TH ED

→ SOYBEAN CASEIN DIGEST BROTH

AOAC / BAM / COMPF / EP / HP / ISO / USP

Highly nutrient liquid medium for the general purposes, formulated according to Pharmacopoeial Harmonised Method.

02-200-500	500g	
02-200BA05	5x500mL	
064-BA1012	10 flasks of 100mL	
0BA1012-90	10 flasks of 90mL	
064-TA0113	20 tubes of 10mL	
064-TA2147	20 tubes of 9mL	
064-BA03-3	3 bags of 3 litres*	
064-BA03-5	2 bags of 5 litres*	
064-BA03-2	5 bags of 2 litres*	

→ *Connectors for bags, Art. No. 064-V70815.

Left: *Salmonella Abony* NCTC 6017; Center: *Escherichia coli* ATCC 8739; Right: Uninoculated tube (Control)**TSB IRRADIATED (02-575)**

HP / EP / ISO

General liquid medium, sterilized by gamma-radiation to suit it to the media fill tests in the pharmaceutical industry.

02-575-500 6x500g

Left: *Escherichia coli* ATCC 8739; Center: *Salmonella* spp. NCTC 6017; Right: Uninoculated tube (Control)**NEW!**Dehydrated culture media
for microbiology in preweighed sachets**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.C € : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

TSB (TRYPTIC SOY BROTH) (Continue)**TSB LECITHIN & POLYSORBATE (02-613)**

→ SCDLP 80 BROTH

→ SOYBEAN CASEIN LECITHIN POLYSORBATE 80 MEDIUM

ISO

Non-selective liquid medium suitable to detect microbial contamination in cosmetics, according to ISO 18415, 18416, 21149 and 21150 Standards.

02-613-500 500g **TSB MODIFIED (02-691)**

→ TSBm

BAM / ISOLiquid medium for selective enrichment of enterohaemorrhagic *Escherichia coli* O157:H7 (EHEC) in food samples according to ISO 16654.02-691-500 500g **NOVOBIOCINE SELECTIVE SUPPLEMENT (10mg)**06-139-LYO 5 vials + vials of content **TSB PENASE BROTH**

Liquid medium used as a diluent, enrichment and for the control of sterility of aerobes in environments with penicillin.

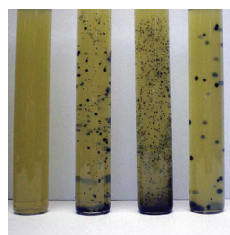
064-BA3058 10 flasks of 100mL **TSB W/O DEXTROSE (02-227)****BAM**Liquid culture medium used for the massive production of spores of *G. stearothermophilus* for the inhibitory substances test in food according to FDA-BAM.02-227-500 500g 02-227BA05 5x500mL **TSC (TRYPTOSE SULFITE CYCLOSERINE AGAR) (01-278)****BAM / COMPF / DIN / ISO**Solid selective and differential medium for the isolation and presumptive identification of *Clostridium perfringens* according to ISO 7937 Standard. Also according to ISO 6461 for the detection and enumeration of spores of sulfite-reducing anaerobic bacteria in water.01-278-500 500g 01-278BA05 5x500mL 064-PF0018 30 plates of 55mm Ø 064-BA6016 10 flasks of 100mL 

base medium without supplement

064-BA6020 10 flasks of 100mL 064-TA6020 20 tubes of 15mL **CYCLOSERINE SELECTIVE SUPPLEMENT**06-116CASE 10 vials 06-116-LYO 5 vials + vials of content 

→ Add one flask of supplement to every 250mL of medium.

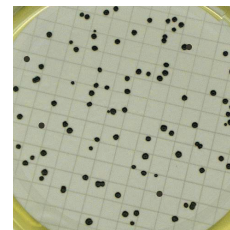
If desired, Sterile Egg Yolk Emulsion Art. No. 06-016-100 can be added to the medium (80mL/L).

First tube: Uninoculated tube (Control); Second tube: *Clostridium perfringens* ATCC 10543; Third tube: *Clostridium perfringens* ATCC 13124; Fourth tube: *Clostridium sporogenes* ATCC 11437**TSI (TRIPLE SUGAR IRON AGAR) (01-192)**

→ MEDIUM M OF THE EUR. PHARM.

AOAC / BAM / COMPF / DIN / EP / IDF / ISO / USP

Differential medium for identification of Enterobacteria, according to ISO 6579, 6785 and 10272 Standards.

01-192-500 500g 01-192BA05 5x500mL 064-TA0177 20 slanted agar tubes First tube: Uninoculated tube (Control); Second tube: *Escherichia coli* ATCC 25922; Third tube: *Salmonella typhimurium* ATCC 14028; Fourth tube: *Shigella sonnei* ATCC 9290**TSN (TRYPTONE SULFITE NEOMYCIN AGAR) (01-195)**Selective solid medium for the isolation of *Clostridium perfringens*.01-195-500 500g 01-195BA05 5x500mL 064-PA6000 20 plates of 90mm Ø 064-TA2156 20 tubes of 9mL *Clostridium perfringens*
ATCC 13124
on membrane filter**UREA & INDOL BROTH (03-084)**

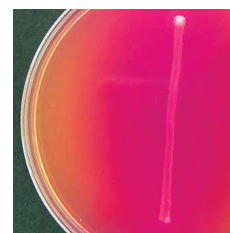
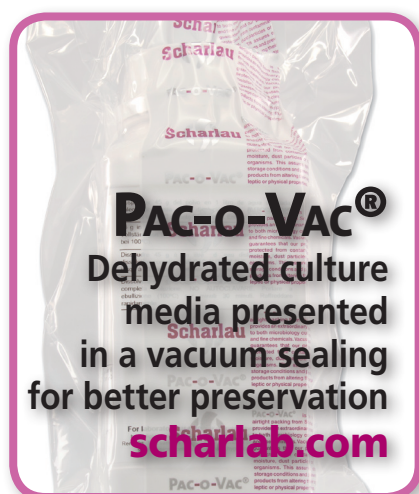
Medium for the identification of enterobacteria according to Ferguson-Stuart.

064-TA0144 20 tubes of 2mL **UREA AGAR (01-261)**

→ CHRISTENSEN AGAR

COMPF / DIN / IDF / ISO / SMD

Solid medium for detection of urealys, according to the formulation of Christensen and ISO and DIN Standards.

01-261-500 500g 01-261BA05 5x500mL 064-TA0148 20 slanted agar tubes **UREA 40% STERILE SOLUTION (Additive)**06-083-100 100mL *Proteus mirabilis*
ATCC 43071

Prepared media:
Contact us
if you can't find
what you need!

NEW sachets presentation: 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**CE :** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

UREA BROTH (02-202)**BAM / COMPF**

Diagnostic liquid medium according to the formula of Rustigian and Stuart.

02-202-500	500g	
02-202BA05	5x500mL	
064-TA0107	20 tubes of 2mL	
UREA 40% STERILE SOLUTION (Additive)		
06-083-100	100mL	

Left: *Proteus mirabilis* ATCC 43071; Right: Uninoculated tube (Control)**UVM LISTERIA ENRICHMENT BROTH (02-472)****AOAC**Liquid culture medium for the enrichment of *Listeria spp.*

02-472-500	500g	
02-472BA05	5x500mL	

LISTERIA SELECTIVE SUPPLEMENT FOR PRIMARY ENRICHMENT (UVM I)

06-106CASE	10 vials	
06-106-LYO	5 vials + 5 vials of solvent	

LISTERIA SELECTIVE SUPPLEMENT FOR SECONDARY ENRICHMENT (UVM II / FRASER)

06-111CASE	10 vials	
06-111-LYO	5 vials + 5 vials of solvent	

Left: Uninoculated tube (Control); Center: *Listeria monocytogenes* ATCC 19114; Right: *Listeria monocytogenes* ATCC 7644**VOGEL JOHNSON AGAR (01-206)****→ VJ AGAR****→ TELLURITE-GLYCINE-PHENOL RED AGAR****BAM / ISO / USP**

Highly selective solid medium for isolation and identification of staphylococci according to ISO 22718 Standard.

01-206-500	500g	
01-206BA05	5x500mL	

POTASSIUM TELLURITE 1% STERILE SOLUTION (Additive)

06-089-100	100mL	
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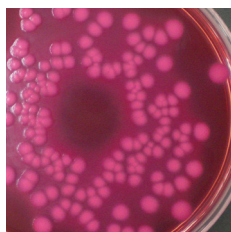
POTASSIUM TELLURITE 3,5% STERILE SOLUTION (Additive)

06-011-100	100mL	
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→ Add aseptically 20mL of Art. No. 06-089-100 or 6mL of Art. No. 06-011-100.**VRB AGAR (VIOLET RED BILE AGAR) (01-164)****→ VRBL AGAR (VIOLET RED BILE LACTOSE AGAR)****→ VRBA****COMPF / IDF / ISO**

Medium for the detection and enumeration of coliforms in milk and other dairy products, according to APHA and ICMSF, FIL-IDF and ISO 4832 and 5541-1 Standards.

01-164-500	500g	
01-164BA05	5x500mL	
064-PA0049	20 plates of 90mm Ø	
064-PR0018	30 contact plates	
064-BA6041	10 flasks of 200mL	
064-BA0485	10 flasks of 100mL	
064-TA0485	20 tubes of 15mL	

*Escherichia coli* ATCC 25922**VRBD (VIOLET RED BILE DEXTROSE AGAR) (01-295)****→ VRBG AGAR (VIOLET RED BILE GLUCOSE AGAR)****→ MACCONKEY DEXTROSE AGAR****EP / HP / ISO**

Selective solid medium for the enumeration of enterobacteria, according to ISO 21528 Standard and Pharmacopoeial Harmonised Method.

01-295-500	500g	
01-295BA05	5x500mL	
064-PA0046	20 plates of 90mm Ø	
064-PR0006	30 contact plates	
064-BA1011	10 flasks of 100mL	
064-TA0147	20 tubes of 15mL	

*Escherichia coli* ATCC 25922**VRBLD (VIOLET RED BILE LACTOSE DEXTROSE AGAR) (01-220)****→ MEDIUM OF THE EUR. PHARM. 5TH. ED.****→ VRBLDA MEDIUM****EP**

Selective solid medium for the detection of enterobacteriaceae, according to European Pharmacopoeia.

01-220-500	500g	
064-PA0062	20 plates of 90mm Ø	

WL NUTRIENT AGAR (01-210)

Solid culture medium for the control and enumeration of yeast and bacteria for microbiological control in industrial fermentations, especially brewing.

01-210-500	500g	
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→ Add the supplement Art. No. 06-022CASE or 06-022-LYO Cycloheximide Selective Supplement to obtain the WL Differential Agar.*Candida albicans* ATCC 10231**Blister packaging**

Long shelf life
 Storage at room temperature
 Plates in individual compartments
 Double packaging
 Low dehydration

scharlab.com**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTh:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**CE** : Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture Media for Microbiology

Dehydrated and prepared culture media

WORT AGAR (01-132)

General solid medium for the cultivation of fungi.

01-132-500	500g	
064-PA0063	20 plates of 90mm Ø with TLH	



Saccharomyces cerevisiae
ATCC 9763

WORT BROTH (02-132)

Liquid medium for the massive production of yeast.

02-132-500	500g	
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XLD AGAR (XYLOSE LYSINE DEOXYCHOLATE AGAR) (01-211)

→ MEDIUM K OF THE EUR PHARM. 5TH ED.

AOAC / BAM / COMPF / EP / HP / ISO / USPSolid culture medium for the isolation of enteropathogenic species, especially *Salmonella* according to Pharmacopoeia Harmonised Method and ISO 6340 Standard.

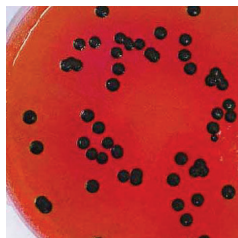
01-211-500	500g	
01-211BA05	5x500mL	
064-PA0034	20 plates of 90mm Ø	



Salmonella typhimurium
ATCC 14028

XLD MODIFIED AGAR (XYLOSE LYSINE DEOXYCHOLATE MODIFIED AGAR) (01-552)**AOAC / BAM / COMPF / ISO**Solid culture medium for isolation of enteropathogenic species, especially *Salmonella* and *Shigella* in food and animal feeding stuffs, according to ISO 6579 and 21567 Standards.

01-552-500	500g	
01-552BA05	5x500mL	
064-PA1035	20 plates of 90mm Ø	



Salmonella typhimurium
ATCC 14028

XLT4 AGAR (01-708)Solid culture medium, selective and differential for isolation of *Salmonella* spp. except *S. typhi* and *S. paratyphi* in food, clinical and environmental samples.

01-708-500	500g	
064-PA0003	20 plates of 90mm Ø	

XLT4 SELECTIVE SUPPLEMENT

06-709-100	100mL	
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→ Add 4,6mL of supplement for 1L.

YEPD BROTH (YEAST EXTRACT PEPTONE DEXTROSE BROTH) (02-473)

Liquid medium for the cultivation of yeasts in molecular biology procedures.

02-473-500	500g	
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YERSINIA CIN AGAR (01-444)

→ CEFSULOIDIN-IRGASAN®-NOVOBIOCIN AGAR

→ CIN AGAR

→ YERSINIA SELECTIVE AGAR

BAM / ISOSolid differential medium used for the selective isolation of *Yersinia* spp. from highly polluted samples, according to ISO 10273 Standard.

01-444-500	500g	
01-444BA05	5x500mL	

YERSINIA SELECTIVE SUPPLEMENT

06-143-LYO	5 vials + 5 vials of solvent	
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YGC

→ SEE CGA (CHLORAMPHENICOL GLUCOSE AGAR)

YM AGAR**(YEAST MALT AGAR) (01-219)**

→ YEAST & MALT EXTRACT AGAR

→ YMA

Solid medium for the cultivation of fungi and actinomycetes.

01-219-500	500g	
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YM BROTH**(YEAST MALT BROTH) (02-219)**

→ YEAST & MALT EXTRACT BROTH

Liquid medium for the cultivation of fungi and actinomycetes.

02-219-500	500g	
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YSG AGAR (YEAST STARCH GLUCOSE AGAR) (01-673)**IFU**Solid medium for detection and isolation of *Allicyclobacillus* in juices, fruits and other acidic foods, according to IFU Standard Method No. 12.

01-673-500	500g	
01-673BA05	5x500mL	

After autoclaving adjust the pH to 3,7 ± 0,2 by adding 1N HCl.

YSG BROTH**(YEAST STARCH GLUCOSE BROTH) (02-673)****IFU**Liquid medium for detection and enrichment of *Allicyclobacillus* in juices, fruits and other acidic foods, according to IFU Standard Method No. 12.

02-673-500	500g	
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→ After autoclaving adjust the pH to 3,7 ± 0,2 by adding 1N HCl.

NEW!Dehydrated culture media
for microbiology
in preweighed sachets**NEW sachets presentation:** 5 sachets of dehydrated culture medium to make up 500mL of prepared medium each.**With TLHTH:** Polysorbate 80 5g/L, Lecithin 0,7g/L, Histidine 1g/L and Sodium thiosulfate 0,5g/L according to European recommendations.**CE:** Culture medium declared as a sanitary product for *in vitro* diagnosis.

Culture media for Microbiology

Additives for culture media

Different types of substances that have to be added to culture media to complete their formulation.



EGG'S YOLK STERILE EMULSION

Additive used in culture media for detecting lecithinase in species such as *Bacillus*, *Clostridium*, and *Staphylococcus*. Added as an additive to the media: *Bacillus cereus* Agar Base (MYPA) Art. No. 01-262, *Bacillus cereus* Selective Agar Base (PEMBA Agar) Art. No. 01-487, and Tryptose Sulfite Cycloserine Agar Base (TSC Agar) Art. No. 01-278.

06-016-100 Egg's yolk sterile emulsion 100mL

EGG'S YOLK TELLURITE STERILE EMULSION

Additive specially formulated for addition to the Baird-Parker Agar Base Art. No. 01-030.

06-026-100 Egg's yolk tellurite sterile emulsion 100mL

FERMENTABLE CARBOHYDRATES

Fermentable sugars and substrates for adding to base media in studies of fermentation or to complete culture media formulations.

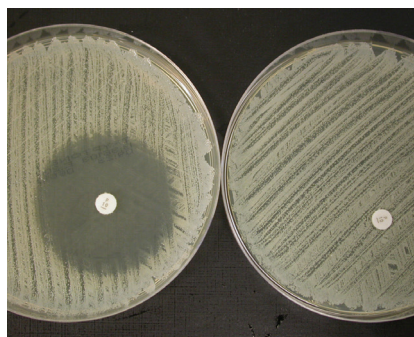
GL01250500	Dextrose (D-+)-Glucose	500g
LA00600500	Lactose	500g
MA01000500	Maltose	500g
MA01500500	Mannitol	500g
SA00250025	Sucrose (D-+)-Saccharose	500g

IODINE POTASSIUM-IODIDE SOLUTION

Additive for the Müller-Kauffmann Broth Base Art. No. 02-335. Its components and solution come ready prepared. It should be added to the medium before being used so that the mixture is as fresh as possible.

064-V11108	Iodine-iodide solution	50mL
P004100250	Potassium iodide	250g
Y000210100	Iodine	100g

PENASE 20,000 UL/mL



Sterile agent that is added as a penicillin inhibitor in the culture media used in the control of sterility of penicillin, in the microbial counts of materials containing penicillin and in penicillin environments. The Penase is a β -lactamase that hydrolyses the β -lactam ring of inactivated penicillins, hence its antimicrobial capacity.

064-V11111 Penase 20.000 UL/mL 100mL

POLYSORBATE 80 (POLYOXYETHYLENE SORBITAN MONOOLEATE) (TW0080)

Additive for culture media whose role is sometimes as a nutrient and in other cases as emulsifier.

TW00800100	Polisorbate 80	100mL
TW00801000	Polisorbate 80	1 litre

POTASSIUM TELLURITE STERILE SOLUTION (06-089 AND 06-011)

Additive for selective media for staphylococcus, corynebacteria, streptococcus and vibrios. Its function is to prevent the growth of most gram-negative and those gram-positive incapable of reducing tellurite. Added to media such as Giolitti Cantoni Broth Art. No. 02-230 and Vogel-Johnson Agar Art. No. 01-206.

POTASSIUM TELLURITE STERILE SOLUTION (06-089 AND 06-011)

(continuation)

06-089-100	Potassium tellurite solution 1%	100mL
06-011-100	Potassium tellurite solution 3,5%	100mL

SKIMMED MILK (06-019)

Bacteriology grade. Can be used alone or as an additive in media for the cultivation of lactic acid bacteria and identification of microorganisms able to coagulate or peptonise milk. Can be added to media such as TSA Art. No. 01-200, Nutrient Agar Art. No. 01-144 to detect caseolytic activity.

06-019-500 Skimmed milk powder 500g

SODIUM BIASELENITE (S00160)

Suitable for incorporation in the following media: Selenite Cystine Broth Base Art. No. 02-602 and Selenite Broth Base Art. No. 02-598.

S001600100 Sodium biselenite 100g

TTC (TRYPHENYL-TETRAZOLIUM CHLORIDE) 1%, STERILE SOLUTION (06-023)

Used as an additive in culture media to indicate biological activity, as the colourless form is reduced to an insoluble red pigment, tryphenyl formazan, which is easily visible. This product is added in particular to: Chapman TTC Agar Base Art. No. 01-053, KF Agar Art. No. 01-294.

06-023-100 TTC sterile solution 1% 100mL

UREA, STERILE SOLUTION 40% (06-083)

Urea solution sterilised by filtration suitable for incorporation into culture media, especially Urea Agar Art. No. 01-261 and Urea Broth Art. No. 02-202.

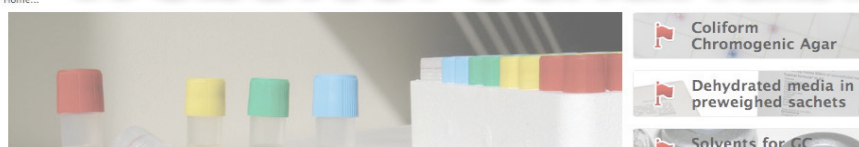
06-083-100 Urea, sterile solution 40% 100mL

VASELINE, STERILE (06-077)

Liquid solution that is added to certain media to reach anaerobic conditions. It is specially recommended for addition to tubes with OF Medium Art. No. 03-037.

06-077-100 Vaseline, sterile 100mL

New website! scharlab.com



Culture media for Microbiology

Selective supplements for culture media

Supplements in press-shake-use vials

SCHARLAU

What's different?

This packaging system consists in vials and caps that further simplify the handling of supplements. There is no need to apply hard pressure and no need to remove the tamper-proof cover. This allows for quick opening and easy manipulation: press, shake, open and dispense. Offered in boxes of 10 vials; each vial contains sufficient supplement for 500mL of reconstituted medium.

- Screw cap** → No need to remove tamper-proof cover
- Screw cap** → Less pressure to break the seal and mix the components
- Larger vial** → Wider variety of supplements
- Larger vial** → Larger volumes of supplement are now available

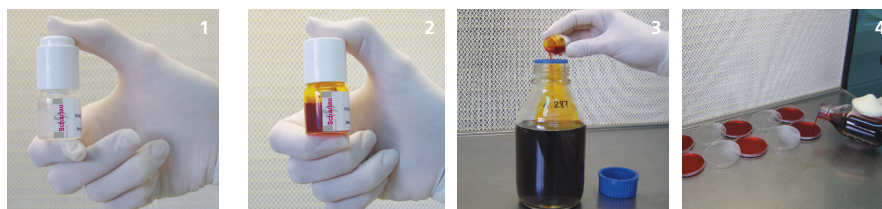


Features & benefits

Our Tamper-proof vials make it easy to add supplements to media. The sterile powdered supplement is contained inside the plastic cap and the diluent is contained inside the vial. Simply prepare by depressing the cap; the medium base is released into the solvent ready to be mixed.

Shelf life and storage

Products should be stored in the fridge at temperatures between 2 and 8°C and the shelf life is between 3 and 4 years, depending on the product.



Standard reference for press-shake-use supplements: 06-XXXCASE (XXX 3 numbers depending on the supplement)

1. Depress the cap to break the seal and release the powdered supplement.
2. The powder then falls into the diluent. Shake vigorously for total dissolution.
3. The supplement is now ready. Open the vial aseptically, close to a flame or in a safety cabinet. Pour into the medium base, which has been cooled down to 45-50°C.
4. Mix to evenly distribute the supplement in the medium and now it is ready to be dispensed into the desired containers: flasks, tubes or plates.

Freeze dried supplements in vials with safe screw caps

SCHARLAU

Supplements - freeze-dried

By means of the freeze-drying technique we can assure a standardised quality that will yield reliable results without any loss in performance of the selective medium. The freeze-dried solids dissolve easily and quickly.

Screw cap for easy and safe handling

The standard closure offered by other manufactures, which consists of a rubber septum with an outer aluminium cap may lead to undesirable accidents. Its removal requires a tool, takes some time and may cause injuries.



Method 1



Method 2



Standard reference for freeze dried supplements: 06-XXX-LYO (XXX 3 numbers depending on the supplement)

Therefore we offer our vials with a screw cap a much safer, faster and easier to open alternative.

You may directly remove the septum from the freeze-dried supplement vial and the solvent vial and pour the solvent on to the supplement. Alternatively you may use a syringe, perforate our septum with a needle and that way transfer the solvent to the supplement vial.

Sterilised solvents included

Each box contains 5 vials of the supplements and 5 vials of the appropriate diluent. This enables the user to start using our supplements right away and saves the tedious work of preparing and sterilising the solvent.

Supplements

Our standard vials contain sufficient 500mL of prepared medium.

Shelf life and storage

Products should be stored in the fridge at temperatures between 2 and 8°C and the shelf life is between 3 and 4 years, depending on the product.

Culture media for Microbiology

Selective supplements for culture media

Ordering information

Supplement	Base	Art. No.
Ampicillin Selective Supplement	Blood Agar Base (Art. No. 01-352) Blood Agar Base (Columbia) (Art. No. 01-034)	06-126-LYO
Basic Fuchsin 250 Selective Supplement	Endo Agar (Art. No. 01-589)	06-607-LYO
Brilliant Green + Novobiocin Selective Supplement	Müller-Kauffmann Tetrathionate Broth (Art. No. 02-335) ⁵	06-017CASE 06-017-LYO
Campylobacter Bolton Selective Supplement	Bolton Enrichment Broth Base (Art. No. 02-688)	06-131-LYO
Campylobacter CCDA Selective Supplement	Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base (Art. No. 01-685)	06-133-LYO
Campylobacter Growth Supplement	Preston Campylobacter Agar Base (Art. No. 01-451) ⁷ Preston Campylobacter Broth Base (Art. No. 02-561) ⁷ Skirrow Selective Medium: with Blood Agar Base (Art. No. 01-352) or Blood Agar Base (Columbia) (Art. No. 01-034)	06-128-008
Campylobacter Preston Modified Selective Supplement	Preston Campylobacter Agar Base (Art. No. 01-451) ⁶ Preston Campylobacter Broth Base (Art. No. 02-561) ⁶	06-135-LYO
Campylobacter Preston Selective Supplement	Preston Campylobacter Agar Base (Art. No. 01-451) ⁶ Preston Campylobacter Broth Base (Art. No. 02-561) ⁶	06-130-LYO
Campylobacter Skirrow Selective Supplement	Blood Agar Base (Columbia) (Art. No. 01-034) Blood Agar Base no. 2 (Art. No. 01-505)	06-132-LYO
CFC Pseudomonas Selective Supplement	Pseudomonas Agar Base	06-726-LYO
Chloramphenicol Selective Supplement (25mg)	Sabouraud Dextrose Agar (Art. No. 01-165)	06-118CASE 06-118-LYO
CN Pseudomonas Selective Supplement	Pseudomonas Agar Base	06-742-LYO
Coliform CV Selective Supplement	Colinstant Agar (Art. No. 01-618) Chromogenic Coliform Agar (CCA Agar) (Art. No. 01-695)	06-140-LYO
m-CP Selective Supplement	m-CP Agar Base (Art. No. 01-513)	06-125-LYO
CP Selective Supplement for Gram-positive Cocci (CNA)	Blood Agar Base (Art. No. 01-352) Blood Agar Base (Columbia) (Art. No. 01-034)	06-013CASE 06-013-LYO
CT SMAC Selective Supplement	MacConkey Sorbitol Agar (Art. No. 01-729)	06-146-LYO
Cycloheximide Selective Supplement	WL Nutrient Agar (Art. No. 01-210)	06-022CASE 06-022-LYO
D-Cycloserine Selective Supplement (250mL of medium)	Tryptose Sulfite Cycloserine Agar (TSC Agar) (Art. No. 01-278)	06-116CASE 06-116-LYO
Ferric Ammonium Citrate Supplement (250mg)	Listeria Enrichment Broth Base (Fraser) (Art. No. 02-496) ³	06-112-LYO
Ferric Ammonium Citrate Supplement (312mg)	Lactose Sulfite Broth Base (Art. No. 02-519)	06-113CASE 06-113-LYO
GPS - Growth Promotion Supplement	GC Agar Base (Art. No. 01-310)	06-144-LYO
Legionella BCYE Growth Supplement	BCYE Legionella Agar Base (Art. No. 01-687)	06-137-LYO
Legionella BCYE without Cysteine NO Growth Supplement	BCYE Legionella Agar Base (Art. No. 01-687)	06-134-LYO
Legionella GVPC Selective Supplement	BCYE Legionella Agar Base (Art. No. 01-687) ²	06-138-LYO

¹ Needs addition of 06-016-100² Needs addition of 06-137-LYO⁶ Needs addition of 06-128-008⁷ Needs addition of 06-130-LYO or 06-135-LYO

Culture media for Microbiology

Selective supplements for culture media

	Microorganisms	Composition per vial	Directive, Standard
	Aeromonas	2,5mg of Ampicillin	
	Coliform	250mg of Basic Fuchsin	AOAC, COMPF, SMD
	Salmonella	5mg of Brilliant green 20mg of Novobiocin	DIN, ISO
	Campylobacter	10mg of Vancomycin 10mg of Cefoperazone 10mg of Trimethoprim 5mg of Anphotericine B sulfate	ISO
	Campylobacter	16mg of Cefoperazone 5mg of Anphotericine B sulfate	ISO
	Campylobacter	0,125 g of Sodium pyruvate 0,125 g of Sodium metabisulfite 0,125 g of Ferrous sulfate	
	Campylobacter	2.500 IU of Polymyxin B sulfate 5mg of Rifampicin 5mg of Trimethoprim 5mg of Anphotericine B sulfate	
	Campylobacter	2.500 IU of Polymyxin B sulfate 5mg of Rifampicin 5mg of Trimethoprim 50mg of Cycloheximide	
	Campylobacter	5mg of Vancomycin 2,5mg of Trimethoprim 1.250 IU of Polymyxin B sulfate	
	Pseudomonas	5,0mg Cefrimide 5,0mg Fucidin 25,0mg Cephalosporin	EN / ISO
	Yeasts and moulds	25mg of Chloramphenicol	EP, ISO, USP
	Pseudomonas	100,0mg Cefrimide 7,5mg Nalidixic Acid, sodium salt	EN / ISO
	Coliform / E. coli	2,5mg of Cefsulodin 2,5mg of Vancomycin	Spanish Ministry of Health
	Clostridium	200mg of D-Cycloserine 12,5mg of Polymyxin B sulfate 30mg of 3-indoxyl-β-D-glucopyranoside 50mg of Phenolphthalein bi-phosphate 45mg of Iron III chloride	Directive 12767/97
	Staphylococci / Streptococci (Gram-positive cocci)	5mg of Colistin sulfate 7,5mg of Nalidixic acid	
	E. coli 0157:H7	1,25mg Potassium tellurite 0,025mg Cefixime	ISO
	Fermenting microorganisms	2mg of Cycloheximide	
	Clostridium	100mg of D-Cycloserine	BAM, COMPF, DIN, ISO
	Listeria	250mg of Ammonium ferric citrate	ISO
	Clostridium	312mg of Ferric ammonium citrate	EP, ISO
	Neisseria * Glucose is included in the diluent vial	0,1mg of Vitamin B12 100mg of L-glutamine 10mg of Adenine SO ₄ 0,3mg of Guanine HCl 0,13mg of p-Aminobenzoic acid 11mg of L-cystine 2,5mg of NAD 1mg of Cocarboxylase 0,2mg of Ferric nitrate 0,03mg of Vitamin B1 (Thiamine HCl) 259mg of Cysteine HCl 1 g of Glucose *	
	Legionella	3,6 g of ACES Buffer 1,4 g of Potassium hydroxid 0,125 g of Ferric pyrophosphate 0,200mg of L-cysteine HCl	ISO
	Legionella	3,6 g of ACES Buffer 1,4 g of Potassium hydroxid 0,125 g of Ferric pyrophosphate	ISO
	Legionella	0,5mg of Vancomycin 40.000 IU of Polymyxin B sulfate 40mg of Cycloheximide 1,5 g of Glycine (ammonia free)	ISO

Culture media for Microbiology

Selective supplements for culture media

Ordering information

Supplement	Base	Art. No.
Listeria Selective Supplement for Enrichment (FDA and IDF/FIL)	Listeria Enrichment Broth Base (Lovett) (Art. No. 02-498)	06-107CASE 06-107-LYO
Listeria Selective Supplement for Primary Enrichment (UVM I)	Listeria Enrichment Broth Base (UVM) (Art. No. 02-472) ³	06-106CASE 06-106-LYO
Listeria Selective Supplement for Primary Enrichment Half Fraser (Each vial supplements 225mL of medium)	Listeria Enrichment Broth Base (Fraser) (Art. No. 02-496)	06-136-LYO
Listeria Selective Supplement for Primary Enrichment Half Fraser (Each vial supplements 500mL of medium)	Listeria Enrichment Broth Base (Fraser) (Art. No. 02-496)	06-145-LYO
Listeria Selective Supplement for Secondary Enrichment (UVM II / Fraser)	Listeria Enrichment Broth Base (Fraser) (Art. No. 02-496) ⁴ Listeria Enrichment Broth Base (UVM) (Art. No. 02-472)	06-111CASE 06-111-LYO
Microinstant Listeria Enrichment Supplement	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti (01-719)	06-754-024
Microinstant Listeria Selective Supplement	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti (01-719)	06-755-LYO
MUG Fluorescent Supplement	Brilliant Green Bile 2% Broth (Art. No. 02-041) E. coli Broth (Art. No. 02-060) Lactose Broth (Art. No. 02-105) MacConkey Agar (Art. No. 01-118) MacConkey Broth (Art. No. 02-118) MacConkey Broth (Eur. Pharm.) (Art. No. 02-611) Tryptose lauryl sulfate Broth (Art. No. 02-108) Violet Red Bile Agar (VRB Agar) (Art. No. 01-164) Violet Red Bile Lactose Dextrose Agar (Eur. Pharm. Medium F) (Art. No. 01-220)	06-102CASE 06-102-LYO
Nalidixic Acid Selective Supplement	CN Selective Agar Base (Art. No. 01-609)	06-124CASE 06-124-LYO
Novobiocin Selective Supplement	TSB Modified (Art. No. 02-691) Rappaport Vassiliadis semi-solid Medium (MSRV) (Art. No. 03-376)	06-139-LYO
Novobiocin Selective Supplement (10mg)	Rappaport Vassiliadis Modified Semi-solid Medium Base (Art. No. 03-376) Tryptic Soy Broth Modified (Art. No. 02-691)	06-139-LYO
Novobiocin Selective Supplement (20mg)	Tetrathionate Bile Brilliant Green Broth Base (Eur. Pharm.) (Art. No. 02-629)	06-147-LYO
Oxford Agar Selective Supplement	Oxford Agar Base (Art. No. 01-471)	06-127-LYO
Oxytetracycline Selective Supplement	Sabouraud Oxytetracycline Agar Base (OGYEA) (Art. No. 01-275)	06-115CASE 06-115-LYO
Palcam Agar Selective Supplement	Palcam Agar Base (01-470)	06-110CASE 06-110-LYO
Polymyxin B sulfate Selective Supplement	Bacillus cereus Agar Base (MYPA) (Art. No. 01-262) ¹ Bacillus cereus Selective Agar Base (PEMBA) (Art. No. 01-487) ¹	06-021CASE 06-021-LYO
RPF Supplement* (Each vial supplements 100mL of medium)	Baird Parker Agar (Art. No. 01-030)	064-TA0155
Sodium Disulfite (Sodium Meta-Bisulfite) for Bacteriology	Lactose Sulfite Broth Base (Art. No. 02-519)	06-114CASE 06-114-LYO
VCAT Selective Supplement	GC Agar Base (Art. No. 01-310) ⁸	06-141-LYO
VCNT Selective Supplement	GC Agar Base (Art. No. 01-310) ⁸	06-142-LYO
XLT4 Selective Supplement	XLT4 Agar (Art. No. 01-708)	06-709-100
Yersinia Selective Supplement	Yersinia CIN AgaR Base (Art. No. 01-444)	06-143-LYO

³ Needs addition of 06-0111CASE or 06-111-LYO ⁴ Needs addition of 06-0112CASE or 06-112-LYO ⁵ Needs addition of 064-V11108 ⁸ Can be added 06-144-LYO

* 10 tubes of RPF freeze dried supplement without solvent. Reconstitute by adding 10mL of pre-warmed sterile water at 37°C to 90mL of medium base.

Culture media for Microbiology

Selective supplements for culture media

Microorganisms	Composition per vial	Directive, Standard
Listeria	20mg of Nalidixic acid, sodium salt 25mg of Cycloheximide 7,5mg of Acriflavine	BAM, IDF
Listeria	10mg of Nalidixic acid, sodium salt 6mg of Acriflavine	AOAC
Listeria	2,25mg of Nalidixic acid, sodium salt 2,80mg of Acriflavine 112,5mg of Ammonium ferric citrate	ISO
Listeria	5mg of Nalidixic acid, sodium salt 6,2mg of Acriflavine 250mg of Ammonium ferric citrate	ISO
Listeria	10mg of Nalidixic acid, sodium salt 12,5mg of Acriflavine	ISO AOAC
Listeria	1,0g L- α -phosphatidylinositol 24mL distilled water	ISO, BAM
Listeria	38350 IU Polymyxin B 0,025g Cycloheximide 0,010g Cefazimide 0,010g Nalidixic Acid	ISO, BAM
Coliform	50mg of MUG (4-methylumbelliferil- β -D glucuronide)	
Pseudomona	7,5mg of Nalidixic acid, sodium salt	EN, ISO
E. coli 0157:H7 Salmonella	10mg of Novobiocin	ISO BAM, ISO
Salmonella E. coli 0157:H7	10mg of Novobiocin, sodium salt	BAM, ISO
Salmonella	20mg of Novobiocin, sodium salt	EP
Listeria	5mg of Fosfomicin 1mg of Sodium cefotetan 10mg of Colistin sulfate 200mg of Cycloheximide 2,5mg of Acriflavine	ISO
Yeasts and Moulds	50mg of Oxytetracycline HCl	EP, ISO, USP
Listeria	5mg of Polymyxin B sulfate 10mg of Sodium ceftazidime 2,5mg of Acriflavine	ISO
Bacillus cereus	50.000 IU of Polymyxin B sulfate	BAM, COMPF, IDF, ISO ISO, NMLK
Staphylococci (Coagulase positive)	2,5mL of Rabbit Plasma - EDTA 0,5 g of Bovine Fibrinogen 2,5mg of Trypsin Inhibitor 2,5mg of Potassium Tellurite	ISO
Clostridium	375mg of Di-sodium sulfite	EP, ISO
Neisseria	1mg of Vancomycin 3,75mg of Colistin sulfate 1,5mg of Trimethoprim 0,5mg of Anphotericine B	
Neisseria	1,5mg of Vancomycin 3,75mg of Colistin sulfate 2,5mg of Trimethoprim 6.250 IU of Nystatin	
Salmonella	100mL of Tergitol® 4	
Yersinia	7,5mg of Cefsulodin 2mg of Irgasan® 1,25mg of Novobiocin	ISO

Culture media for Microbiology

Ingredients and chemical products for microbiology

A selection of necessary ingredients and chemical products for the preparation of culture media.



Art. No.	Description	Capacity
07-004-500	Agar Bacteriological	500g
07-490-500	Agar-agar	500g
AM02730500	Ammonium chloride, reagent grade	500g
AR00500005	D-(-)-Arabinose, for bacteriology	5g
AR01250050	L-Arginine extra pure	50g
AS00150025	L-Asparagine	25g
07-515-500	Beef Extract	500g
07-039-500	Bile	500g
07-525-500	Bile salts No. 3	500g
SO10040250	Buffer solution pH = 4,00	250mL
SO10070250	Buffer solution pH = 7,00	250mL
07-151-500	Casein acid hydrolysate	500g
CI03050025	L-Cysteine hydrochloride anhydrous, extra pure	25g
ET00131000	Ethanol 96% v/v, Multisolvant®	1 litre
ET00021000	Ethanol absolute, synthesis grade	1 litre
LE00700500	D-(-)-Fructose, extra pure	500g
FU00600025	Fuchsin basic, C.I. 42510,	25g
07-153-500	Gelatin pancreatic peptone	500g

Art. No.	Description	Capacity
GE00200250	Gelatine powder, for analysis and bacteriology	250g
GL01250500	D-Glucose (Dextrose)	500g
GL00261000	Glycerol, 99,5%	1 litre
HI04050025	L-Histidine hydrochloride monohydrate, extra pure, Eur. Pharm.	25g
AC07461000	Hydrochloric acid, solution 0,1 mol/L (0,1 N)	1 litre
AC07441000	Hydrochloric acid, solution 1 mol/L (1 N)	1 litre
HI01351000	Hydrogen peroxide, 30% w/w, extra pure	1 litre
HI03360500	Iron(III) chloride hexahydrate, extra pure	500g
IS01400025	L-Isoleucine, extra pure	25g
AC00310100	Immersion oil, for microscopy	100mL
07-455-500	Lactalbumin hydrolysate	500g
LA00600500	D-(+)-Lactose monohydrate	500g
LE00550025	L-Leucine, extra pure, Eur. Pharm., USP	25g
07-342-500	Lecithin	500g
LI00351000	L-Lysine monohydrochloride, synthesis grade	1kg
07-080-500	Malt extract	500g
MA01000100	Maltose	100g
MA01000500	D-Maltose	500g
MA01500500	(-)-Mannitol, reagent grade	500g
MA01600010	D-(+)-Mannose, for biochemistry	10g
07-075-500	Meat extract	500g
07-152-500	Meat peptone	500g
OR00550025	L-Omitine hydrochloride, extra pure	25g
07-620-500	Potato peptone	500g
PO04100250	Potassium iodide, reagent grade, ACS, ISO	250g
07-625-500	Proteose peptone No. 3	500g
RA00250025	D-(+)-Raffinose pentahydrate, for biology	25g
RI00250005	D-(-)-Ribose, extra pure	5g

Art. No.	Description	Capacity
AC19900010	Rosolic acid, C.I. 43800, indicator, for microscopy	10g
SA00200500	D-(+)-Saccharose, extra pure	500g
SA02000025	D-Salicin, for biochemistry	25g
SE01050010	L-Serine, extra pure	10g
06-019-500	Skimmed milk, powder	500g
SO02570100	Sodium deoxycholate	100g
SO02570500	Sodium deoxycholate	500g
SO04000500	Sodium L-glutamate monohydrate, extra pure	500g
SO05900100	Sodium pyruvate	100g
SO05900500	Sodium pyruvate	500g
SO08500250	D-(-)-Sorbitol, extra pure	250g
07-155-500	Soy peptone	500g
TR00300005	D-Trehalose, for bacteriology	5g
TR04441000	Triton® X-100, extra pure	1 litre
07-154-500	Tryptone - Casein Pancreatic Peptone (industrial fermentation processes)	500g
07-119-500	Tryptone - Casein Trypsic Peptone (culture media preparation)	500g
07-489-500	Tryptone - Peptone from Casein acc. to USP specifications (culture media preparation)	500g
TR04000025	L-Tryptophan, extra pure	25g
07-197-500	Tryptose	500g
TI03250100	L-Tyrosine, extra pure	100g
VA00550025	L-Valine, extra pure	25g
XI00800100	D-(+)-Xylose, extra pure	100g
07-079-500	Yeast extract	500g
CI01450500	Zinc, powder, extra pure	500g

Microbiology chemicals

scharlab.com



Culture Media for Microbiology

Chromogenic media CHROMagar™

Scharlab S.L. distributes CHROMagar™ Chromogenic Media.

CHROMagar™ is a pioneer in the field of chromogenic media for the detection of pathogenic microorganisms. Its founder, Dr. Rambach and his co-workers have been developing chromogenic culture media which have acquired world wide recognition.

He developed the first *E. coli* chromogenic detection medium in 1979. Several years later, he invented the Rambach™ Agar for *Salmonella* detection, now distributed world wide.

Why should you start using CHROMagar™?

- Reliable detection in less time
- Simple simultaneous isolation and differentiation of pathogens due to the easily discernible colours
- No need to perform the complex and expensive detection protocols as with traditional media
- Well defined colours of the colonies avoiding colour diffusion of traditional media
- Faster results allow quicker release of manufactured products
- Short analytical times mean lower labour costs
- Chromogenic detection leads to reliable results
- No need to change standard working procedures

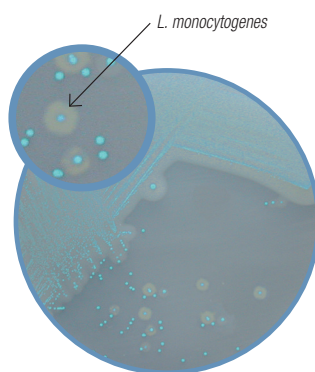
CHROMagar™

CHROMagar™ Listeria +

CHROMAGAR

CHROMagar™ Identification Listeria +

CHROMAGAR



Listeria monocytogenes. *Listeria monocytogenes* is a pathogenic bacteria which can cause serious food poisoning. Since *L. monocytogenes* and *L. innocua* exhibit similar biochemical properties, they cannot be differentiated with traditional media (Palcam, Oxford). With **CHROMagar™ Listeria**, *L. monocytogenes* colonies adopt a specific blue colour surrounded by a white opaque halo.

Art. No. 00000LM852 Presentation Dehydrated medium for 5 litres*

Microorganism	Colony colour	Sensitivity
<i>L. monocytogenes</i>	Blue with white halo	100% ⁽⁷⁾
<i>L. innocua</i>	Blue	
Other	Blue, colourless or inhibited	

→ ⁽⁷⁾ AFNOR validation study, Coignard M. 2001. Ref CHR-21/1-12/01.

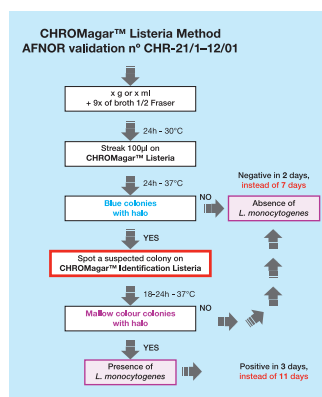
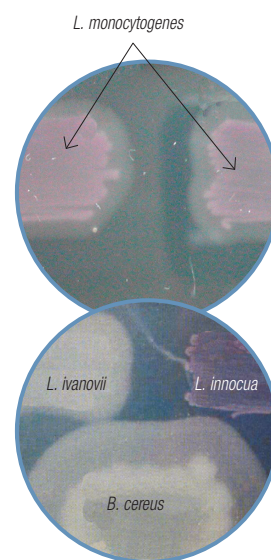


Figure 1



A **CHROMagar™ Listeria method** (see Figure 1) allows detection of negative samples in only 2 days. This method requires only a single Half Fraser enrichment step and has been validated by the AFNOR (French Bureau of Standards) organisation.

Culture medium for a simpler confirmatory test of suspected colonies of *L. monocytogenes*, avoiding many time consuming identification tests (pure culture in TSAYE, cabalase, GRAM stain, haemolysis, CAMP test, motility, dextrose, rhamnose, xylose).

Art. No. 00000LK970 Presentation Dehydrated medium for 250ml*

Filtration plates
scharlab.com

+ Culture medium used in clinical applications.

 Culture medium used in industrial applications.

* The presentation of culture media is in dehydrated form, every flask comes with the quantity of powder to reconstitute 5 or 25 litres of medium.

NOTA 1: Colorex® is the trademark for CHROMagar™ prepared media.

NOTA 2: CHROMagar™ and Rambach™ are Dr. A. Rambach trademarks.

Culture Media for Microbiology

Chromogenic media CHROMagar™

Salmonella

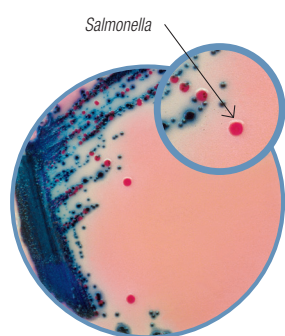
CHROMAGAR

Traditional media for detection of *Salmonella* have a very poor specificity. The workload of unnecessary examinations of suspect colonies is so high that real positive *Salmonella* colonies might often be missed in routine testing.

Rambach™ Agar or **CHROMagar™ Salmonella Plus** will eliminate most false positives. Since **Rambach™ Agar** or **CHROMagar™ Salmonella Plus** have very high specificity: fewer samples are positive and have to be checked and there is no more need to investigate 10 different suspect colonies per sample.

Rambach™ Agar (Salmonella) +

CHROMAGAR



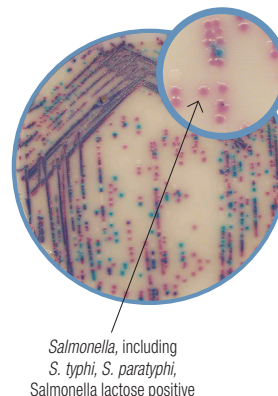
Art. No.	Presentation
00000RR701	4 x 1 litre*
00000RR703	25 litres*
064-PA0082	20 plates 90mm (Colorex®) (90)

Microorganism	Colony colour	Sensitivity
<i>Salmonella</i>	Red	93,9% (3)
<i>E. coli</i> , <i>Citrobacter</i> , Coliforms	Blue	—
<i>P. mirabilis</i>	Colourless and inhibited	—

→ (3) Gruenewald R et al. 1991. J. Clin. Microbiol. 29: 2354-2356.

CHROMagar™ Salmonella Plus +

CHROMAGAR



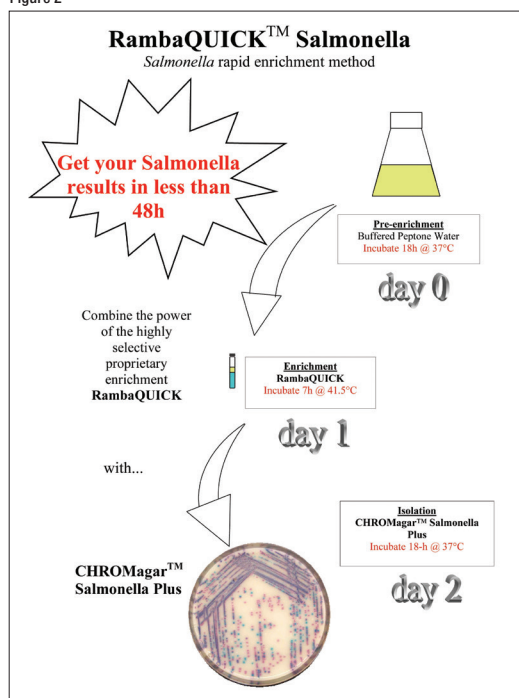
The recent revision of ISO 6579 for *Salmonella* testing is a result of the growing incidence of Lactose positive *Salmonella* spp. isolated from cases of food poisoning.

Traditionally *Salmonella* are considered to be non-lactose fermenting organisms - however a small but important number of this highly diverse group is capable of lactose fermentation and may be incorrectly identified or missed altogether by conventional *Salmonella* selective media. Indeed, in classical agars like XLD, MacConkey or Hektoen, the *Salmonella* lactose positive will have almost the same appearance as the most common coliforms, with a high risk of being missed altogether.

CHROMagar™ Salmonella Plus agar has been introduced to meet the requirements of ISO 6579 and provides clear, easily visible identification of *Salmonella* spp. including lactose positive *Salmonella*, *S. typhi* and *S. paratyphi*.

It applies to all types of food and feed marketed for human and animal consumption, as well as environmental samples taken from food production and handling areas. Another feature of this medium is its nice colour contrast due to the fact that *E. coli* are colourless. *E. coli*, which are usually present in abundance in the samples tested for *Salmonella*, are no more a concern of potentially hiding suspect colonies.

Figure 2



Art. No.	Presentation
00000SA162	Dehydrated medium for 5 litres*
064-PA0083	20 plates 90mm (Colorex®) (90)

Microorganism	Colony colour	Sensitivity & Specificity
<i>Salmonella</i> spp. including <i>S. typhi</i> y <i>S. paratyphi</i>	Mauve colour	99% (5)
<i>Salmonella</i> lactose positive	Mauve colour	—
<i>E. coli</i>	Colourless	—
Other coliforms	Turquoise blue	—

→ (5) de Beaumont C., Breuil J., Dedicova, D. Tran Q. 2006. Poster presentado durante el meeting ECCMID.

RambaQUICK™ Salmonella +

CHROMAGAR

Fast-acting *Salmonella* enrichment method (see Figure 2).

Art. No.	Presentation
00000SQ001	Dehydrated medium for 5 litres*

+ Culture medium used in clinical applications.

 Culture medium used in industrial applications.

* The presentation of culture media is in dehydrated form, every flask comes with the quantity of powder to reconstitute 5 or 25 litres of medium.

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Culture Media for Microbiology

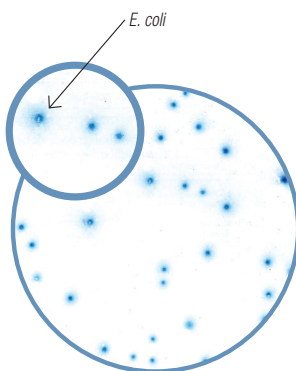
Chromogenic media CHROMagar™

Coliformes and *E. coli*

CHROMAGAR

CHROMagar™ *E. coli*

CHROMAGAR



E. coli bacteria are a fecal contamination indicator. The standard limits in food are approximately 50 *E. coli* bacteria per gram, therefore, it is important to detect and enumerate them correctly. Traditional methods for detecting *E. coli* are extremely tedious and usually require a heavy workload since many suspect colonies have to be tested.

Art. No.	Presentation
00000EC168	Dehydrated medium for 5 litres*
00000EC169	Dehydrated medium for 25 litres*

Microorganism	Colony colour
<i>E. coli</i>	Blue
Other gram (-)	Colourless
Gram (+)	Inhibited

→ ⁽⁸⁾ Alonso et al. 1996. *J. Microbiol. Methods* 25: 309-315.

CHROMagar™ Liquid ECC

CHROMAGAR

CHROMagar™ Liquid ECC is used as a broth for the pad technique for the detection of *E. coli* and coliforms in water samples⁽¹⁰⁾. The inoculated filtration membrane is put on top of a pad presoaked with CHROMagar™ Liquid ECC.

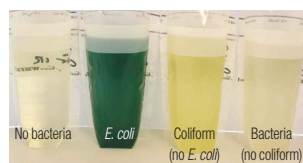
Art. No.	Presentation
00000EL382	Dehydrated medium for 5 litres*

Microorganism	Colony colour	Sensitivity
<i>E. coli</i>	Blue	95% ⁽⁹⁾
Coliformes	Mauve colour	94% ⁽⁹⁾
<i>Proteus</i>	Colourless	—
Gram (+)	Inhibited	—

→ ⁽⁹⁾ Alonso et al. 1999. *Applied & Env. Microbiol.* 65: 3746-3749.

AquaCHROM™ ECC

CHROMAGAR

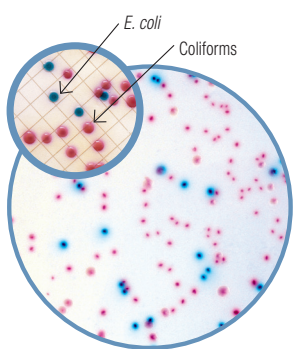


Chromogenic medium for the detection of coliforms and *E. coli* in water samples (100ml). By using 2 chromogenic substrates UV light is not needed to detect the presence of *E. coli*. Comes in 10 bags with 10 flasks of culture media to analyse 100ml of water.

Art. No.	Presentation
000000X056	100 tests

CHROMagar™ ECC

CHROMAGAR

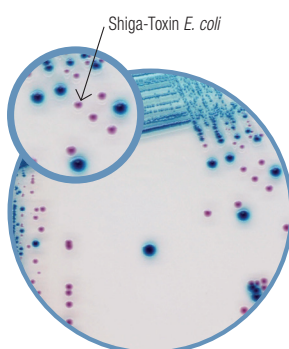


CHROMagar™ ECC will additionally show the other coliforms as red colonies. This is another useful indicator of questionable hygiene conditions.

Art. No.	Presentation
00000EF322	Dehydrated medium for 5 litres*
00000EF323	Dehydrated medium for 25 litres*

CHROMagar™ STEC +

CHROMAGAR



The kit **CHROMagar™ STEC** is a new chromogenic medium for the screening and detection of *E. coli* STEC (Shiga-Toxin producing *E. coli*), including *E. coli* O104, the microorganism related with recent outbreaks worldwide.

In 24 hours this medium can detect the presence of the majority of *E. coli* STEC, not only *E. coli* O157.

Art. No.	Presentation
000ST160-1	Dehydrated medium for 1 litre**

** Kit CHROMagar™ STEC including the selective supplement CHROMagar™ STEC O104 (OG2011)

Microorganism (with supplement OG2011)	Colony colour
STEC O104: H4	Mauve
Other	Colourless, blue or inhibited
Microorganism (without supplement OG2011)	Colony colour
Most common Shiga-Toxin <i>E. coli</i> serotypes	Mauve
Other Enterobacteriaceae	Colourless, blue or inhibited
Gram (+)	Inhibited

+ Culture medium used in clinical applications.

Culture medium used in industrial applications.

* The presentation of culture media is in dehydrated form, every flask comes with the quantity of powder to reconstitute 5 or 25 litres of medium.

NOTA 1: Colorex® is the trademark for CHROMagar™ prepared media.

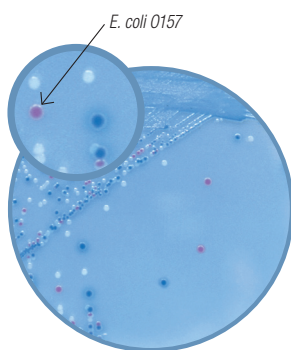
NOTA 2: CHROMagar™ and Rambach™ are Dr. A. Rambach trademarks.

Culture Media for Microbiology

Chromogenic media CHROMagar™

CHROMagar™ O157 +

CHROMAGAR



The conventional medium for detection of *E. coli* O157, Sorbitol Mac Conkey Agar, has a poor specificity therefore creating a lot of false positives (*Proteus*, *E. hermannii*, etc.). Sorbitol Mac Conkey Agar is also difficult to read since the pathogen gives colourless colonies among red colonies.

CHROMagar™ O157 is a chromogenic medium with easier detection of *E. coli* O157 as mallow colour colonies between blue and colourless colonies. Selectivity can be increased by adding potassium tellurite to our medium.

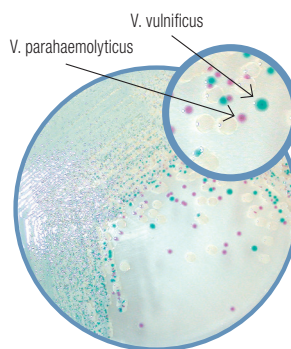
Art. No.	Presentation
00000EE222	Dehydrated medium for 5 litres*
00000EE223	Dehydrated medium for 25 litres*
064-PA0080	20 plates 90mm (Colorex®) 

Microorganism	Colony colour	Sensitivity & Specificity
<i>E. coli</i> O157	Mauve colour	98% ⁽²⁾
<i>E. coli</i> spp.	Blue	—
Other	Blue, colourless or inhibited	—

→ ⁽²⁾ Bettelheim K.A. 1998. *J. Clin. Microbiol.* 85: 425-428.

CHROMagar™ Vibrio

CHROMAGAR



V. parahaemolyticus, *V. vulnificus* & *V. cholerae* are pathogenic bacteria which can cause serious seafood poisoning. For the detection of those bacteria, traditional methods (TCBS) are time consuming, require heavy workload and are not very sensitive.

On the contrary, **CHROMagar™ Vibrio** medium helps to easily differentiate *V. parahaemolyticus*, *V. vulnificus* & *V. cholerae*, from other *Vibrio* directly during the isolation step by colony colour with a sensitivity higher than conventional methods.

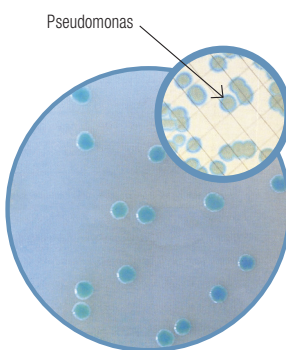
Art. No.	Presentation
00000VB912	5 litres*

Microorganism	Colony colour
<i>V. parahaemolyticus</i>	Mauve colour
<i>V. vulnificus</i> and <i>V. cholera</i>	Blue
<i>V. alginolyticus</i>	Colourless

→ ⁽⁴⁾ Hara-Kudo et al. 2001. *Applied & Env. Microbiol.* 67: 5819-5823.

CHROMagar™ Pseudomonas

CHROMAGAR



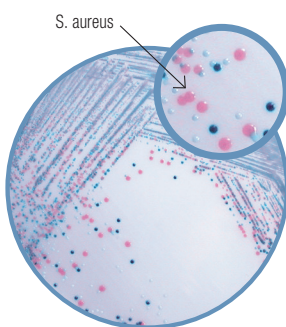
For the simultaneous detection and enumeration of *Pseudomonas aeruginosa* with markedly different colouring (blue colonies). One can use the membrane filtration method for detection from 100 ml of water, with the inoculated membrane placed on the agar plate.

Art. No.	Presentation
00000PS822	Dehydrated medium for 5 litres*

Microorganism	Colony colour
Some pseudomonas including <i>P. aeruginosa</i>	Blue-green
Other	Generally colourless or inhibited

CHROMagar™ Staph aureus +

CHROMAGAR



Staphylococcus aureus is a major pathogenic bacterium found in clinical field and in food industry. Nosocomial infections due to *S. aureus* create an increasing number of problems, which is why it is becoming more and more important to detect *S. aureus*. Mannitol fermentation based traditional media lead to many false positive and false negative results. **CHROMagar™ Staph aureus** has unrivalled sensitivity and specificity for detecting *S. aureus* after 24 hours. This makes unnecessary catalase and latex agglutination tests on non-*S. aureus* strains.

Art. No.	Presentation
00000TA672	Dehydrated medium for 5 litres*

Microorganism	Colony colour	Sensitivity	Specificity
<i>Staphylococcus aureus</i>	Rose to mallow colour	95,5% ⁽¹⁰⁾	99,4% ⁽¹⁰⁾
Other	Blue, colourless, etc	—	—

→ ⁽¹⁰⁾ Gailot et al. 2000. *J. Clin. Microbiol.* 38: 1587-1591.



+ Culture medium used in clinical applications.

 Culture medium used in industrial applications.

* The presentation of culture media is in dehydrated form, every flask comes with the quantity of powder to reconstitute 5 or 25 litres of medium.

NOTA 1: Colorex® is the trademark for CHROMagar™ prepared media.

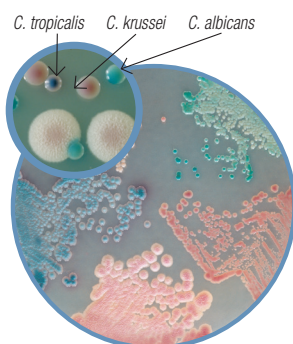
NOTA 2: CHROMagar™ and Rambach™ are Dr. A. Rambach trademarks.

Culture Media for Microbiology

Chromogenic media CHROMagar™

CHROMagar™ Candida +

CHROMAGAR



Yeasts are increasingly important pathogens, particularly for immuno-depressed people such as the elderly, AIDS victims, etc. **CHROMagar™ Candida** will not only allow the growth and detection of yeasts (like the traditional Sabouraud Agar) but will also instantly allow you to differentiate various *Candida* species solely by the colour of the colony.

CHROMagar™ Candida allows a powerful and easy detection of mixed yeast cultures and in some cases it can detect antifungal resistant strains present in the samples even as a minor population.

Art. No. Presentation

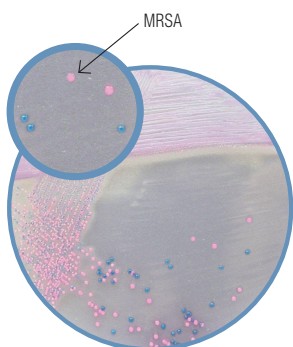
00000CA222	Dehydrated medium for 5 litres*
00000CA223	Dehydrated medium for 25 litres*
064-PA0076	20 plates 90mm (Colorex®) 

Microorganism	Colony colour	Sensitivity & Specificity
<i>Candida albicans</i>	Green	> 99% ⁽¹⁾
<i>Candida tropicalis</i>	Metallic blue	> 99% ⁽¹⁾
<i>Candida krusei</i>	Pink velvet	> 99% ⁽¹⁾

→ ⁽¹⁾ Odds F.C. and Bearnets R. 1994. J. Clin. Microbiol. 32: 1923-1929.

CHROMagar™ MRSA +

CHROMAGAR



In recent years, an increasing number of hospitals have been infected by Methicillin Resistant *Staphylococcus aureus* (MRSA). Unfortunately, current media continue to produce unreliable results in the detection of MRSA, especially with the increasingly frequent low-level resistant MRSA.

CHROMagar™ MRSA, a revolutionary product that is proving to be a major breakthrough in detecting hospital patients carrying and spreading MRSA. Having a sensitivity and a specificity of close to one hundred percent (100%), **CHROMagar™ MRSA** easily detects MRSA including low level resistant strains as mallow colour colonies after 24 hours of incubation.

colonies after 24 hours of incubation.

Art. No.	Presentation
00000MR502	Dehydrated medium for 5 litres*
00000MR513	Dehydrated medium for 25 litres*

Microorganism	Colony colour	Sensitivity	Specificity
MRSA	Rose to mallow colour	100% ⁽¹²⁾	100% ⁽¹²⁾
MSSA	Inhibited	100% ⁽¹²⁾	100% ⁽¹²⁾

→ ⁽¹²⁾ Taguchi et al. 2004. J. Jap. Ass. Infec. Dis. Jan. 54-58// Diederet et al. 2005. J. Clin. Microbiol. 43: 1925-1927.

+ Culture medium used in clinical applications.

 Culture medium used in industrial applications.

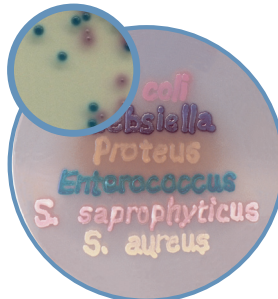
* The presentation of culture media is in dehydrated form, every flask comes with the quantity of powder to reconstitute 5 or 25 litres of medium.

NOTA 1: Colorex® is the trademark for CHROMagar™ prepared media.

NOTA 2: CHROMagar™ and Rambach™ are Dr. A. Rambach trademarks.

CHROMagar™ Orientation +

CHROMAGAR



The major target of this medium is the detection of urinary tract pathogens with *E. coli* as red colonies, *Klebsiella* as metallic blue colonies, *P. mirabilis* as clear with brown halo colonies etc. However, **CHROMagar™ Orientation** has a broader application as a general nutrient agar for the isolation of various microorganisms.

Art. No.	Presentation
00000RT412	Dehydrated medium for 5 litres*
00000RT413	Dehydrated medium for 25 litres*

Microorganism	Colony colour	Sensitivity
<i>E. coli</i>	Red	93,3% ⁽¹¹⁾
<i>Klebsiella</i> , <i>Citrobacter</i>	Metallic blue	—
<i>Enterococcus</i>	Turquoise blue	—
<i>Proteus mirabilis</i>	Clear + Brown halo	—
<i>Staphylococcus saprophyticus</i>	Pink opaque	—
<i>Staphylococcus aureus</i>	Colourless opaque	—
<i>Candida</i>	Creamy	—

→ ⁽¹¹⁾ Merlino J. et al. 1996. J. Clin. Microbiol. 34: 1788-1793.

Increase the power of CHROMagar™ Orientation by using highly selective supplements: **CHROMagar™ ESBL** supplement (enables the detection of organisms that produce ESBL (Extended Spectrum B-Lactamase); **CHROMagar™ KPC** supplement (enables the detection of Gram bacteria that are less susceptible to the majority of carbapenemic agents); **CHROMagar™ CTX-M** supplement (enables a fast and highly specific detection of CTX-M producing bacteria).

Art. No.	Description	Presentation
00000KP102	CHROMagar™ Orientation with Supplement KPC	For 5 litres
00000ES372	CHROMagar™ Orientation with Supplement ESBL	For 5 litres
00000X079	CHROMagar™ Orientation with Supplement CTX-M	For 5 litres

CHROMagar™ B. cereus +

CHROMAGAR



Chromogenic medium for detection and enumeration of *Bacillus cereus*.

The intense blue colored colonies on a translucent agar facilitates the reading compared to Mannitol based with agar which displays red colonies on pink agar.

No need to add the tedious Egg Yolk Emulsion.

Art. No.	Presentation
00000BC732	Dehydrated medium for 5 litres*

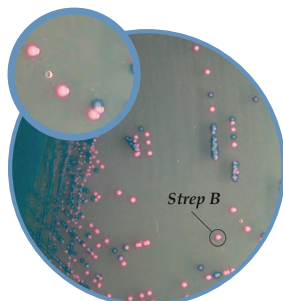
Microorganism	Colony colour
<i>Bacillus cereus</i>	Blue with white halo
Other <i>Bacillus</i>	Blue, colourless or Inhibited
Gram (-)	Inhibited
Yeasts and moulds	Inhibited

Culture Media for Microbiology

Chromogenic media CHROMagar™

CHROMagar™ Strep B +

CHROMAGAR



Detecting vaginal colonization by Group B streptococcus (GBS) in pregnant women is the most effective strategy to prevent neonatal infections. Worldwide, official guidelines recommend a screening of GBS between the 34th and 38th weeks of pregnancy, thus allowing for an appropriate preventive management of intrapartum antibiotic prophylaxis. **CHROMagar™ Strep B** is a powerful high performance tool for screening when compared with classical culture media:

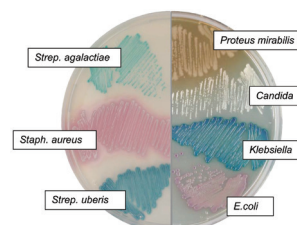
- Easy to read due to a high sensitivity and specificity in the acquisition of colonies (mauve colour).
- Detection of nonhemolytic strains.
- Results in 18-24 hours.
- Incubation in aerobic atmosphere

Microorganism	Presentation
00000SB282	Dehydrated medium for 5 litres*
00000SB283	Dehydrated medium for 25 litres*

Microorganism	Colour of the colony	Sensitivity
<i>S. agalactiae</i> (GBS)	Mauve	—
Other Gram (+)	Inhibited or Blue	—
Other bacteria	Colourless or inhibit	—

CHROMagar™ Mastitis +

CHROMAGAR



Mastitis infections in livestock are a major cause of economic losses.

This infection causes a reduction in regard to the quantity and/or quality of the milk; increases veterinary costs due to excessive use of medicines, increases the risk of residues in milk and meat and thus becomes a public health risk.

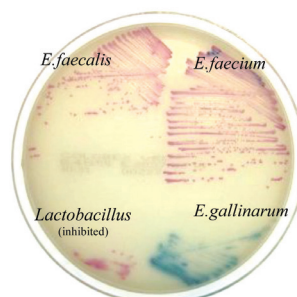
Mastitis is a multi-factorial disease, caused by multiple pathogens, making it difficult to control.

CHROMagar™ Mastitis is a powerful tool for quick and easy differentiation of the key bacteria involved in these infections. Consists of a kit with 2 different chromogenic media, one for gram-positive bacteria and one for gram-negative bacteria.

Art. No.	Presentation
OX074-X076	Dehydrated medium for 5 litres*

CHROMagar™ VRE +

CHROMAGAR



Knowing the type of resistance to vancomycin among strains of Enterococci is critical in controlling infections. Acquired resistance found in *E. faecium* / *E. faecalis* VRE is transferable and can be spread among organisms. On the other hand the inherent resistance found in *E. gallinarum* / *E. casseliflavus*, is not transferable and has not been associated with epidemics.

CHROMagar™ VRE allows for simple and direct detection thanks to the colour of the colonies of *E. faecium* / *E. faecalis*

VRE (transferable resistance). With a high sensitivity and specificity.

Art. No.	Presentation
00000VR952	Dehydrated medium for 5 litres*
00000VR953	Dehydrated medium for 25 litres*

Microorganism	Colour of the colony
<i>E. faecalis</i>	Mauve
<i>E. faecium</i>	Mauve
<i>E. gallinarum</i>	Blue or inhibited
<i>E. casseliflavus</i>	Blue or inhibited
Other	Colourless or inhibited

+ Culture medium used in clinical applications.

 Culture medium used in industrial applications.

* The presentation of culture media is in dehydrated form, every flask comes with the quantity of powder to reconstitute 5 or 25 litres of medium.

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Culture Media for Microbiology

Chromogenic media Scharlau

CHROMOGENIC COLIFORM AGAR (CCA) (01-695)

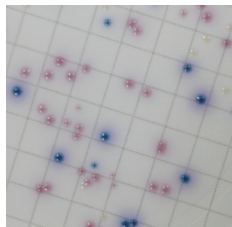
Chromogenic medium CCA (Chromogenic Coliform Agar) is a selective culture medium for the detection and enumeration of coliforms and *E. coli* with an adjusted and precise selective capability. Ideal for water analysis. With antibiotics cefsulodin and vancomycin included in its formulation.

Compatible with a variety of different membrane brands using our combination of CCA and Coliform CV selective supplement; obtaining improved results and recoveries. Formulated according to an alternative method proposed by the Spanish Authorities.

Principle. Based on the detection of two enzymatic activities: β -D-Glucuronidase (β -gluc) β -D-Galactosidase (β -gal)

The selectivity is attained, partially, by the Tergitol® 7, which inhibits the growth of gram positive bacteria and some gram negative ones without negative effect on the coliform bacteria. But the genuine selectivity is due to the presence of cefsulodin that acts against pseudomonas and other gram negative oxidase positive bacteria and also to the vancomycin, which inhibit the growth of enterococci and other gram positive bacteria. After an incubation period of 18-24 hours at $36 \pm 2^\circ\text{C}$, *E. coli* appears deep blue to violet, while coliforms are salmon-rose to red. Other gram negatives show no colour.

01-695-500	500g	
01-695BA05	5x500mL	
064-PF1015	30 plates of 55 mm Ø	
COLIFORM CV SELECTIVE SUPPLEMENT		
06-140-LYO	5 vials of antibiotics + 5 vials of solvent	



Violet-blue colonies: *Escherichia coli*; Salmon red colonies: Coliform;
Colourless colonies: All other gram-negative bacteria

CHROMOGENIC COLINSTANT AGAR (01-618)

Chromogenic culture medium, selective and differential that allows for a direct identification of *Escherichia coli* and coliforms in water and food samples. Can be used in the membrane filtration method.

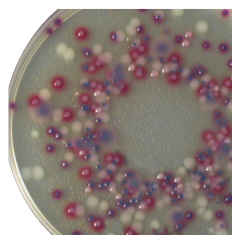
Principle. Based on the detection of two enzymatic activities:

β -D-Glucuronidase (β -gluc)
 β -D-Galactosidase (β -gal)

This formula has a better inhibition of accompanying gram-positive flora as it uses bile salts instead of "tergitol".

After an incubation period of 24 hours at 37°C , *E. coli* appears blue, while coliforms are salmon coloured. The other Enterobacteria show no colour.

01-618-500	500g	
01-618BA05	5x500mL	
064-PA6015	20 plates of 90 mm Ø	
064-PF6015	30 plates of 55 mm Ø	
→ In waste water samples it is necessary to add selective substances like Coliform CV Selective Supplement, Art. No. 06-140-LYO.		



Violet-blue colonies: *Escherichia coli*; Salmon red colonies: Coliform;
Colourless colonies: All other gram-negative bacteria

COLIFORMS PRESENCE / ABSENCE BROTH

Allows simple and direct detection of the presence or absence of total coliforms and *E. coli* in water samples.

Principle. Chromogenic and fluorogenic broth combining the β -D-glucuronidase enzyme and β -D-galactosidase test with the indol test in a single ready to use medium.

Instructions. Add 100 ml of the sample in question to the bottle with this medium.

Incubation. Incubate the sample for 18-24 hours at $35-37^\circ\text{C}$.

Interpretation. Total coliforms turn the medium a green colour. *Escherichia coli* emit fluorescence under UV light and test positive for indol *.

→ *For the test of indol add 2-3mL of Kovacs Reagent (6-018-100).

064-BACOLI	10 flasks of 100ml	
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Left: Coliform; Center: No Coliform; Right: *Escherichia coli*

MICROINSTANT CHROMOGENIC LISTERIA AGAR ACC. TO OTTAVIANI & AGOSTI (01-719)

ISO

Chromogenic culture media for the detection and isolation of *Listeria spp.* and *Listeria monocytogenes* according to Ottaviani & Agosti formula and to ISO 11290.

01-719-10L	1x10L	
01-719BA05	5x500mL	
064-PA0084	20 plates of 90 mm Ø	

MICROINSTANT LISTERIA ENRICHMENT SUPPLEMENT

06-754-024	10 vials	
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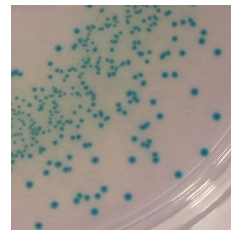
MICROINSTANT LISTERIA SELECTIVE SUPPLEMENT

06-755-LYO	10 vials	
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SAKAZAKI AGAR (01-744)

Selective and differential chromogenic medium for the isolation and presumptive identification of *Cronobacter sakazakii*.

01-744-500	500g	
01-744BA05	5x500mL	
064-PA0146	20 plates of 90mm Ø	



Cronobacter sakazakii
ATCC 51329

TBX AGAR (01-619)

ISO / SL

Tryptone Bile X- β -D-glucuronide Agar (TBX)

Chromogenic culture medium, selective and differential that allows the counting and a direct detection of *Escherichia coli* β -glucuronidase positive in water and food samples. According to ISO 16649-1 and 16649-2 standards. Can be used for mass seeding or in the membrane filtration method.

Principle. Based on the detection of the enzyme activity:

β -D-Glucuronidase (β -gluc).

Gram-positive accompanying flora are inhibited by the use of bile salts and a high temperature of incubation. After an incubation between 18-24 hours at 44°C , the colonies of *E. coli* β -glucuronidase positive appear blue-green.

01-619-500	500g	
01-619BA05	5x500mL	
064-PA0945	20 plates of 90mm Ø	
064-BA0945	10 flasks of 100mL	



Escherichia coli ATCC 25922 *Salmonella abony* NCTC 6017

**Broths and diluents
in bags (FlexiBags)**
scharlab.com

Culture Media for Microbiology

Reagents and biochemical tests

Catalase Activity Test

For detection of catalase enzyme activity.

Add a few drops of hydrogen peroxide in TSA or Mueller-Hinton plates. The rapid formation of bubbles indicates the presence of the enzyme catalase, which decomposes the hydrogen peroxide, yielding oxygen.

It is useful for distinguishing *Streptococcus* (negative) from *Staphylococcus* (positive) and *Clostridium* (negative) from *Bacillus* (positive)

Art. No.	Description	Units
HI01351000	Hydrogen Peroxide 30% (v/v) extremely pure	1l

Coagulase Test (Rabbit Plasma)

Sterile and lyophilised rabbit plasma, particularly suitable for detecting coagulase of *Staphylococcus aureus*. According to ISO 6888-1.

A pure culture from the suspected colony is inoculated in a BHI tube Ref 02-599 and incubated at 35-37°C for 24 ± 2 hours. Under aseptic conditions add 0.1 ml of the culture to 0.3 ml of rabbit plasma and incubate again at 35-37°C during a period between 4-24 h. at 37°C. The formation of a coagulum indicates a positive test result. The shelf life of a lyophilised product, can be maintained once rehydrated, provided it is kept frozen at -20°C in aliquots of 0.3 ml.

Art. No.	Description	Units
064-PLA-CO	Lyophilized Rabbit Plasma	(30 tests) Unit

DNase Activity Test



For detection of DNase enzyme activity (presence of bacterial nucleases that depolymerise DNA).

Seed in a short line, flooding DNase Agar plate (01-346) with 0.1 N HCl.

The bacteria that degrade the DNA cause a transparent zone around the streak, while those that do not produce DNase form a white precipitate.

Art. No.	Description	Units
AC07461000	Hydrochloric Acid 0.1 N, Sol. valorated	1 l

β-Glucuronidase Broth

β-Glucuronidase Broth for the identification of Enterobacteria.

Art. No.	Description	Units
064-TA0153	β-Glucuronidase Broth	20 tubes of 2ml

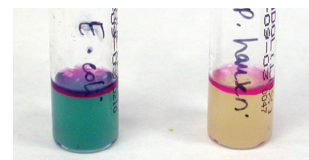
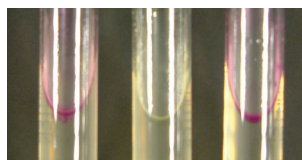
Hippurate Test

For the differentiation between group B streptococcus and other β-hemolytic streptococcus by the hippurate hydrolysis test. A suspension of bacteria is added to the hippurate solution and incubated for 2 hours. Then the ninhydrin developer is added.

Art. No.	Description	Units
064-TA0114	Hippurate Test	20 tubes of 1ml
064-CL0039	Ninhydrin Developer	1 bottle of 30ml

Indol test and Kovac's reagent

To detect the production of indol from tryptophan. The culture media recommended for this test must be free of glucose and include a rich source of tryptophan, e.g. any Tryptone Water, Indol and Nitrite Medium for SIM Fluid Medium, Indol and Urea Broth according to Ferguson-Stuart, etc.



The pure culture to be verified is inoculated in the medium and incubated for 24-48 h. at 35°C. This incubation can be reduced to about four hours starting with a mass inoculum in a solid medium and seeded in a small volume of culture medium (Indol Test, Art. No. 064-TA0132). In either case after incubation, the reading is done with the Kovac's reagent.

Art. No.	Description	Units
064-TA0132	Indol Test	20 tubes of 2ml

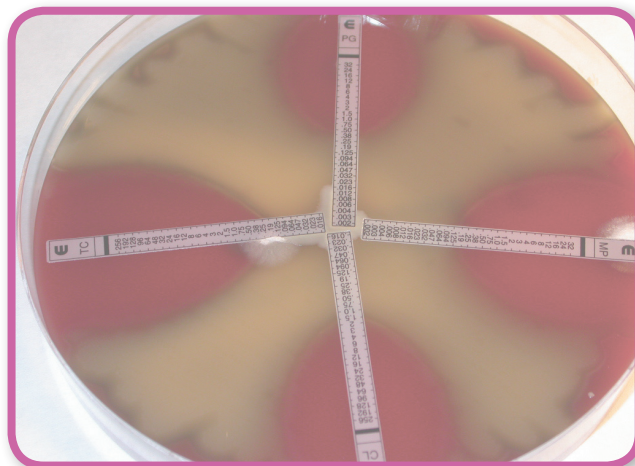
NOTE: Tryptone water supplemented with tryptophan especially suited to test indol. Art.

Art. No.	Description	Units
RE0007G100	Kovac's Reagent	100ml
RE00071000	Kovac's Reagent	1 l

Methyl Red Test

Indicator solution to test for fermentation of glucose via the mixed-acid pathway in Enterobacteria.

Art. No.	Description	Units
RE00570100	Methyl Red Solution	100ml
RE00571000	Methyl Red Solution	1l



Culture Media for Microbiology

Reagents and biochemical tests

Nessler, reagent

Reagent to detect the production of ammonia from a peptone or arginine.

Art. No.	Description	Units
RE00500250	Nessler Reagent	250ml

Nitrate Test



Griess-Ilosvay reagent for the verification of the reduction of nitrates through the detection of nitrites.
For use mix equal parts of solution A and B. If a negative reaction occurs use zinc powder to verify.
Enterobacteria and *pseudomonas* are usually positive.

Art. No.	Description	Units
06-003-100	Nitrate Reagent A	100ml
06-004-100	Nitrate Reagent B	100ml
CI01450500	Zinc, metal, extremely pure	500g

Oxidase test



Reagent for detection and verification of bacterial cytochrome oxidase.
Ready to use sterile swabs, impregnated with oxidase reagent.

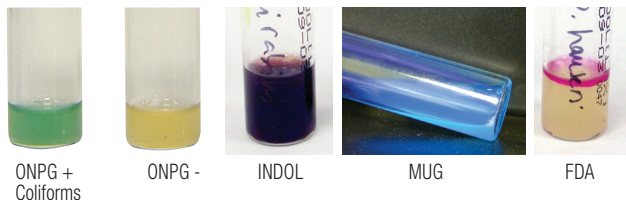
Art. No.	Description	Units
06-119-025	Oxidase Reagent in swabs	25 units



Supplied as a powder. It is prepared by making an aqueous solution with 1% of the reagent. It is recommended to prepare only the amount necessary, as the useful life of the solution does not exceed one week when stored away from light at 4°C.

Art. No.	Description	Units
RE00650005	Oxidase Reagent	5g

ONPG-FDA-MUG-INDOL Test



Broth for the simultaneous detection of total coliform and *E. coli* in water and food. This detection has been enhanced with chromogenic and fluorogenic substrates: ONPG test (detection of β -galactosidase activity), phenylalanine, MUG (fluorescence of *E. coli*) and indol (adding Kovacs reagent), for the identification of Enterobacteria.

Art. No.	Description	Units
064-TA0203	ONPG-FDA-MUG-INDOL test	20 tubes of 2ml

T.D.A. (Tryptophan Deaminase Activity) Test and Deamination of Phenylalanine Test

Evidence for the presence of deaminase. Prepared using a solution of ferric chloride to 10%.

Art. No.	Description	Units
HI03360500	Ferric Chloride	500g
064-CL0046	Chloride Ferric solution	30ml

Voges Proskauer test

Reagents for the Voges Proskauer test in Enterobacteria.

Art. No.	Description	Units
RE00600100	O'Meara Reagent (B)	100ml
RE01000100	Barrit Reagent (Alpha-Naphtol) (A)	100ml

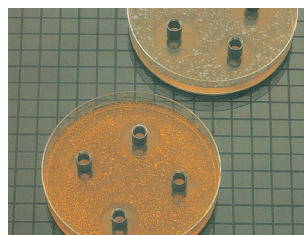
Ornithine Test

Means for detecting decarboxylation of ornithine.

Art. No.	Description	Units
064-TA0131	Ornithine Test	20 tubes of 2ml

Oxford towers for antibiotics assay

SCHARLAU



Towers for the certification of antibiotics. Stainless steel exterior $\varnothing$ 8 mm, interior $\varnothing$ 6 mm and 8 mm height, with a double bevel.

Art. No.	Description	Units
05-012UNID	Oxford towers	50

Culture Media for Microbiology

Application tables

Culture media for clinical analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
03-643	Aerobic Microorganism Plate Count	Cary-Blair Transport Medium	CMPH	Transport/Preservation
01-140		Nutrient Agar	BAM/BP/ISO	Cultivation
01-161		Plate Count Agar (PCA)	BAM/COMP/IDF/ISO/USP	Enumeration
02-032		Phenol Red Broth Base	BAM/COMP/SMD/USP	Identification
01-200		Tryptic Soy Agar (TSA) (Eur. Pharm.)	HP/BAM/COMP/ISO/EP/USP	General application
02-200		Tryptic Soy Broth (TSB) (Eur. Pharm.)	HP/AOAC/BAM/COMP/EP/USP	General application/Enrichment
02-186	Anaerobic/microaerophilic	Thioglycollate Broth	AOAC/BAM/EP/USP	Sterility test
01-136	Antibiotic assay	Mueller-Hinton Agar	BAM/CLSI(NCCLS)/ISO/CE	Sensibility test
02-136		Mueller-Hinton Broth	CLSI(NCCLS)/CMPH	Sensibility test
01-262	Bacillus cereus	Bacillus cereus Agar	BAM/COMP/IDF/ISO	Isolation/Enumeration
01-047	Bacteria in urine	CLED Agar	CE	Isolation
02-410	Clostridia	Differential Reinforced Clostridial Medium (DRCM)	DIN/ISO	Enumeration/Enrichment
01-289		Reinforced Clostridial Agar		Isolation/Enumeration/cultivation
01-068	Coliforms	Eosin Methylene Blue Agar (EMB Agar)	BAM/ISO/USP	Isolation/Enumeration
01-118		MacConkey Agar (Eur. Pharm./HP)	HP/AOAC/BAM/COMP/EP/ISO/SMWW/USP/CE	Isolation/Enumeration
02-041	Coliforms and E. coli	Brilliant Green Bile 2% Broth	BAM/COMP/ISO/SMWW	Detection/Enrichment
02-060		E. coli Broth	COMP/ISO/SMWW	Detection/Enrichment
02-108		Tryptose Lauryl sulfate Broth	BAM/COMP/IDF/ISO/SMD/SMWW	Detection/Enumeration/Enrichment
01-729	E. coli 0157:H7	MacConkey Sorbitol Agar (SMAC)	ISO	Isolation/Enumeration
02-691		Tryptic Soy Broth Modified	BAM/ISO	Enrichment
02-277	Enterobacteria	Buffered Peptone Water	ISO	Enrichment
01-103		Kligler Iron Agar (KIA)	ISO	Isolation/Enumeration
01-094		Lysine Iron Agar (LIA)	AOAC/COMP/SMD	Isolation/Enumeration/Identification
02-207		Methyl Red Voges Proskauer Broth (MRVP)	BAM/IDF/ISO/SL	Identification
03-422		Motility Indol Ornithine Fluid Medium (MIO)	BAM	Confirmation
03-037		Oxidation-Fermentation Fluid Medium Base (O/F Medium)	CMPH/COMP	Identification
01-083		Phenylalanine Agar (PPA)	CMPH	Identification/Differentiation
03-176		SIM Medium		Isolation/Enumeration/Identification
01-177		Simmons Citrate Agar	AOAC/BAM/ISO/SMWW	Identification
01-192		Triple Sugar Iron Agar (TSI Agar)	AOAC/BAM/EP/IDF/ISO/USP	Isolation/Enumeration/Identification
01-261		Urea Agar Base	COMP/DIN/IDF/ISO/SMD	Identification
02-202		Urea Broth Base	BAM/COMP	Differentiation/Identification
01-057		Deoxycholate Lactose Agar	COMP/SMWW	Isolation/Enumeration
02-105		Lactose Broth	AOAC/COMP/EP/ISO/SMWW/USP	Enrichment
01-216		Hektoen Enteric Agar	AOAC/BAM/COMP/ISO	Isolation/Enumeration
01-446		Liebermeister & Braveny Agar		Isolation
02-191		Todd-Hewitt Broth		Cultivation
01-352	Fastidious Microorganisms	Blood Agar Base	CE	Isolation/Enumeration/Cultivation
01-034		Blood Agar Base (Columbia)	ISO/CE	Cultivation
01-505		Blood Agar Base No. 2	BAM/COMP/ISO	Isolation/Enrichment/Cultivation
01-310		GC Agar Base		Isolation/Cultivation
01-137	Fungi (Candida spp.)	Nickerson Agar (Biggy Agar)		Isolation
01-442	Fungi (Yeasts and moulds)	Dermatophyte Selective Agar		Isolation
01-483		Potato Dextrose Agar (Eur. Pharm.)	HP/BAM/COMP/USP	Isolation/Enumeration/Detection
01-166		Sabouraud Chloramphenicol Agar	ISO/EP/USP	Isolation/Enumeration/Identification
01-165		Sabouraud Dextrose Agar	HP/BAM/EP/ISO/USP	Enumeration
01-703		Columbia CNA Agar Base		Isolation
01-706	Haemophilus	HTM (Haemophilus Test Medium)		Susceptibility Test
02-135	Lactic acid bacteria	MRS Broth	IFU/ISO	Enrichment/Isolation/Cultivation
01-687	Legionella	Legionella BCYE Agar Base	ISO	Isolation/Enumeration
02-599	Pathogenic microorganisms	Brain Heart Infusion Broth (BHI Broth)	BAM/COMP/ISO/SMWW/CE	Enrichment/Cultivation
01-609	Pseudomonas	CN Selective Agar Base	EN/ISO	Isolation
01-203	Salmonella	Brilliant Green Agar (BGA)	EP/USP	Isolation/Enumeration
02-652		Mannitol Selenite Broth Base		Enrichment
02-335		Muller-Kauffmann Tetrathionate Broth Base	DIN/ISO	Enrichment
02-379		Rappaport Vassiliadis Broth	AOAC/BAM/COMP/IDF/ISO	Enrichment
02-602		Selenite Cystine Broth Base	COMP/ISO/USP/CE	Enrichment
01-555		Salmonella-Shigella Agar (SS Agar)	AOAC/COMP/CE	Isolation/Enumeration
01-552	Salmonella spp./Shigella spp.	Xylose Lysine Deoxycholate Modified Agar	BAM/COMP/ISO	Isolation/Enumeration
01-211		Xylose Lysine Deoxycholate Agar (Eur. Pharm.)	BAM/COMP/ISO	Isolation
02-598		Selenite Broth Base	BAM/DIN/CE	Enrichment
01-030		Baird Parker Agar Base	BAM/EP/ISO/USP	Isolation/Enumeration
01-116	Staphylococci	Mannitol Salt Agar (Eur. Pharm.)	HP/BAM/ISO/USP	Isolation/Enumeration
01-206		Vogel Johnson Agar (VJ Agar)	BAM/ISO/USP	Isolation/Enumeration
01-567	Vibrio	TCBS Agar	AOAC/BAM/COMP/ISO	Isolation
01-444	Yersinia	Yersinia CIN Agar Base	ISO	Isolation
01-655	Others	Sensitivity Test Agar (STA)	CLSI	Antibiotic Sensitivity
03-454		Stuart Ringertz Transport Medium	CE	Transport/Preservation

Culture Media for Microbiology

Application tables

Culture media for cosmetics analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-144	Aerobic Microorganism Plate Count	Nutrient Agar (APHA)	COMPF/ISO	General application
01-613		TSA Lecithin & Polysorbate Agar	APHA/COMPF/SMD	Detection/Enumeration
02-613		TSB Lecithin & Polysorbate Broth	ISO	Detection
01-161		Plate Count Agar (PCA)	BAM/COMPF/IDF/ISO/USP	Enumeration
01-200		Tryptic Soy Agar (TSA) (Eur. Pharm.)	HP/BAM/COMPF/ISO/EP/USP	General application
02-200		Tryptic Soy Broth (TSB) (Eur. Pharm.)	HP/AOAC/BAM/COMPF/EP/USP	General application/Enrichment
01-654		Eugon LT 100 Agar	ISO	Detection/Enumeration
02-654		Eugon LT 100 Broth	ISO	Enrichment
01-050	Clostridia	Clostridium perfringens, Selective Agar (SPS Agar)	BAM	Isolation/Enumeration
01-068	Coliforms	Eosin Methylene Blue Agar (EMB Agar)	BAM/ISO/USP	Isolation/Enumeration
01-236	Desinfection test	Lethen Agar	AOAC/ASTM	Determination germicidal activity
02-236		Lethen Broth	AOAC/ASTM	Determination germicidal activity
01-237		Lethen Modified Agar	ASTM/BAM/ISO	Determination germicidal activity
02-237		Lethen Modified Broth	AOAC/ISO	Determination germicidal activity
01-610		D/E Neutralizing Agar	COMPF/ISO/SMD	Neutralization
02-610		D/E Neutralizing Broth	ISO/SMD	Neutralization
02-583	Diluents	Neutralizing Special Broth		Neutralizing
02-257		Beerens Cosmetic Diluent		Neutralizing Diluter
02-539		Casein Lecithin Polysorbate Broth Base	USP	Dilute/Neutralize preservatives
02-666	E. coli	Lactose Neutralizing Broth	ISO	Enrichment
02-654		Eugon LT 100 Broth	ISO	Enrichment
02-105	Enterobacteria	Lactose Broth	AOAC/COMPF/EP/ISO/SMWW/USP	Enrichment
01-137	Fungi (Candida spp.)	Nickerson Agar (Biggy Agar)		Isolation
01-692	Fungi (Yeasts and moulds)	Glucose Peptone Chloramphenicol Agar (GP Agar+Antibiotic)	ISO	Isolation/Enumeration
01-165		Sabouraud Dextrose Agar	HP/BAM/EP/ISO/USP	Enumeration
01-219		Yeast Malt Agar		Isolation/Cultivation
01-001	Pseudomonas	King A Agar (P Agar)	ISO	Detection/Enumeration
01-029		King B Agar (F Agar)	ISO	Detection/Enumeration
01-030	Staphylococci	Baird Parker Agar Base	BAM/EP/ISO/USP	Isolation/Enumeration
01-206		Vogel Johnson Agar (VJ Agar)	BAM/ISO/USP	Isolation/Enumeration

Culture media for environmental control analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-613	Aerobic Microorganism Plate Count	Microbial Content Test Agar	COMPF/SMD	Monitoring surfaces
01-161		Plate Count Agar (PCA)	BAM/COMPF/IDF/ISO/USP	Enumeration
01-329		Plate Count Modified Agar		Enumeration
01-200		Tryptic Soy Agar (TSA) (Eur. Pharm.)	HP/BAM/COMPF/ISO/EP/USP	General application
01-164	Coliforms and E. coli	Violet Red Bile Agar (VRB Agar)	COMPF/IDF/ISO	Isolation/Enumeration
01-695		Chromogenic Coliform Agar	Spanish Health Ministry	Isolation/Enumeration
01-295	Enterobacteria	Violet Red Bile Dextrose Agar (VRBD Agar) (Eur. Pharm.)	HP/EP/ISO	Isolation/Enumeration
01-599	Fastidious microorganisms	Brain Heart Infusion Agar (BHI Agar)	COMPF/DIN/ISO/SMWW	Cultivation
01-573	Fungi (Yeasts and moulds)	Malt Extract Agar No. 2		Isolation/Enumeration
01-574		Malt Extract Agar No. 3		Isolation/Enumeration
01-301		Rose Bengal Agar	COMPF/SMWW	Isolation/Enumeration
01-166		Sabouraud Chloramphenicol Agar	ISO/EP/USP	Isolation/Enumeration/Identification
01-165		Sabouraud Dextrose Agar	HP/BAM/EP/ISO/USP	Enumeration
01-275		Sabouraud Oxytetracycline Agar Base (OGYEA)	EP/ISO/USP	Isolation/Enumeration
01-135	Lactic acid bacteria	MRS Agar	COMPF/IDF/IFU/ISO	Isolation/Enumeration
01-687	Legionella	Legionella BCYE Agar Base	ISO	Isolation/Enumeration
01-609	Pseudomonas	CN Selective Agar Base	EN/ISO	Isolation
01-030	Staphylococci	Baird Parker Agar Base	BAM/EP/ISO/USP	Isolation/Enumeration
01-634	Sulphite reducing bacteria	Iron Sulfite Modified Agar	ISO/NMKL	Isolation/Enumeration

Culture Media for Microbiology

Application tables

Culture media for food and beverages analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-144	Aerobic Microorganism Plate Count	Nutrient Agar (APHA)	COMP/ISO	General application
01-635		Nutrient Agar (ISO)	ISO	General application
02-144		Nutrient Broth (APHA)	COMP/EP/SMD/SMWW	Enrichment/Cultivation
01-161		Plate Count Agar (PCA)	BAM/COMP/IDF/ISO/USP	Enumeration
01-412		Plate Count Skim Milk Agar	DIN/IDF	Enumeration
01-200		Tryptic Soy Agar (TSA) (Eur. Pharm.)	HP/BAM/COMP/ISO/EP/USP	General application
01-082		Tryptone Glucose Extract Agar (TGE Agar)	BAM/COMP/SMD	Enumeration
01-698	Acid tolerant microorganisms	Orange Serum Agar	IFU	Enumeration/Cultivation
01-675	Acid tolerant microorganism (Alicyclobacillus)	BAT Agar	IFU	Isolation/Enumeration
02-675		BAT Broth	IFU	Isolation/Enrichment
01-674		K Agar	IFU	Isolation-DETECTION
01-673		Yeast Starch Glucose Agar	IFU	Detection/Isolation
02-673		Yeast Starch Glucose Broth	IFU	Isolation/Enrichment
03-187	Anaerobic/microaerophilic	Thioglycollate Fluid Medium	HP/AOAC/BAM/CMPH/COPF/EP/ISO/USP	Sterility test-
01-262	Bacillus cereus	Bacillus cereus Agar	BAM/COMP/IDF/ISO	Isolation/Enumeration
01-487		Bacillus cereus Selective Agar	ISO	Enumeration
02-227	Bacillus stearothermophilus	Tryptic Soy Broth Without Dextrose	ISO	Sensitivity test
02-688		Bolton Enrichment Broth Base	BAM/ISO	Enrichment
01-685		Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base	BAM/ISO	Isolation
01-451		Preston Campylobacter Agar Base		Isolation
02-561		Preston Campylobacter Broth Base		Enrichment
01-556	Canned Food Spoiling Microorganisms	Dextrose Tryptone Purple Bromocresol Agar		Cultivation
01-050	Clostridia	Clostridium perfringens, Selective Agar (SPS Agar)	BAM	Isolation/Enumeration
02-410		Differential Reinforced Clostridial Medium (DRCM)	DIN/ISO	Enumeration/Enrichment
03-632		Lactose Gelatin Medium	ISO	Confirmation
02-519		Lactose Sulfite Broth Base	EP/ISO	Identification
03-612		Motility Nitrate Medium	BAM/ISO	Identification
01-289		Reinforced Clostridial Agar		Isolation/Enumeration/cultivation
03-289		Reinforced Clostridial Medium (Eur. Pharm.)	HP/EP	Cultivation/Enumeration/Enrichment
01-195		Tryptone Sulfite Neomycin Agar (TSN Agar)		Isolation/Enumeration
01-278		Tryptose Sulfite Cycloserine Agar (TSC Agar)	BAM/COMP/ISO	Isolation/Enumeration
01-068	Coliforms	Eosin Methylene Blue Agar (EMB Agar)	BAM/ISO/USP	Isolation/Enumeration
01-118		MacConkey Agar (Eur. Pharm.)	HP/AOAC/BAM/COMP/EP/ISO/SMWW/USP/CE	Isolation/Enumeration
02-041	Coliforms and E. coli	Brilliant Green Bile 2% Broth	BAM/COMP/ISO/SMWW	Detection/Enrichment
01-053		Chapman TTC Agar (Tergitol® 7 Agar)	ISO	Isolation/Enumeration
01-618		Chromogenic Colinstant Agar		Isolation/Enumeration
02-060		E. coli Broth	COMP/ISO/SMWW	Detection/Enrichment
02-611		MacConkey Broth (Eur. Pharm.)	HP/EP	Enrichment/Isolation/Enumeration
01-619		Tryptone Bile Glucuronic Agar (TBX Agar)	ISO/SL	Detection/Isolation
02-108		Tryptose Lauryl sulfate Broth	BAM/COMP/IDF/ISO/SMD/SMWW	Detection/Enumeration/Enrichment
01-164		Violet Red Bile Agar (VRB Agar)	COMP/IDF/ISO	Isolation/Enumeration
01-695		Chromogenic Coliform Agar	Spanish Health Ministry	Isolation/Enumeration
01-659		Mineral Modified Glutamate Agar Base	COMP/IDF/ISO	Recovery E. coli cells damaged
02-656		Mineral Modified Glutamate Medium Base	ISO	Enrichment
02-510	Diluents	Maximum Recovery Diluent (MRD)	ISO	Dilution/Enrichment
02-200		Tryptic Soy Broth (TSB) (Eur. Pharm.)	HP/AOAC/BAM/COMP/EP/USP	General application/Enrichment
02-277		Buffered Peptone Water	ISO	Enrichment
02-631		Purple Maximum Recovery Diluent	ISO	General application
03-156		Tryptone Water (Peptone Water)	COMP/ISO/SMWW	Enrichment/General application
01-729	E. coli O157:H7	MacConkey Sorbitol Agar	ISO	Isolation/Enumeration
02-691		Tryptic Soy Broth Modified	BAM/ISO	Enrichment
02-336	Enterobacteria	Decarboxylase Lysine Broth (Taylor)	COMP/IDF/ISO	Differentiation of Enterobacteria
01-589		Endo Agar Base	AOAC/COMP/SMD	Isolation/Enrichment/Cultivation
02-064		Enrichment Enterobacteriaceae Broth (EE Broth) (Eur. Pharm.)	HP/ISO/EP	Enrichment
01-502		Glucose Bromocresol Purple Agar	ISO	Confirmation
01-103		Kligler Iron Agar (KIA)	ISO	Isolation/Enumeration
01-094		Lysine Iron Agar (LIA)	AOAC/COMP/SMD	Isolation/Enumeration/Identification
02-118		MacConkey Broth	AOAC/ISO/SMWW	Detection/Enumeration
02-207		Methyl Red Voges Proskauer Broth (MRVP)	BAM/IDF/ISO/SL	Identification
02-456		Methyl Red Voges Proskauer Saline Broth		Identification
02-138		Nitrate Broth	BAM/COMP/ISO	Identification
02-568		Phosphate-Buffered Peptone Water	SL	Enrichment
03-176		SIM Medium		Isolation/Enumeration/Identification
01-192		Triple Sugar Iron Agar (TSI Agar)	AOAC/BAM/EP/IDF/ISO/USP	Isolation/Enumeration/Identification
01-261		Urea Agar Base	COMP/DIN/IDF/ISO/SMD	Identification
01-295		Violet Red Bile Dextrose Agar (VRBD Agar) (Eur. Pharm.)	HP/EP/ISO	Isolation/Enumeration
01-057		Deoxycholate Lactose Agar	COMP/SMWW	Isolation/Enumeration
02-093		Gram Negative Broth (GN Broth)	COMP	Enrichment
02-105		Lactose Broth	AOAC/COMP/EP/ISO/SMWW/USP	Enrichment
01-682	Enterococci	MacConkey No. 2 Agar		Isolation/Identification
02-027	Enterococci-Streptococci	Azide Dextrose Broth (Rothe)	COMP	Isolation/Enumeration
01-592		Bile Esculin Azide Agar	BAM/ISO	Isolation/Enumeration/Confirmation
01-265		Bile Esculin Modified Agar	BAM/COMP/ISO	Identification
01-263		Kanamycin Esculin Azide Agar (KAA Agar)	COMP	Isolation/Enumeration
02-263		Kanamycin Esculin Azide Broth (KAA Broth)	COMP	Isolation/Enumeration
01-294		Kenner Fecal Agar (KF Agar)	COMP/SMWW	Isolation/Enumeration
01-579		Slanetz Bartley Agar Base	ISO	Isolation/Enumeration

(continue in next page)

Culture Media for Microbiology

Application tables

Culture media for food and beverages analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-352	Fastidious Microorganisms	Blood Agar Base	CE	Isolation/Enumeration/Cultivation
01-505		Blood Agar Base No. 2	BAM/COMPF/ISO	Isolation/Enrichment/Cultivation
01-599		Brain Heart Infusion Agar (BHI Agar)	COMPF/DIN/ISO/SMWW	Cultivation
01-366	Fungi (Yeasts and moulds)	Chloramphenicol Glucose Agar (CGA)	DIN/IDF/ISO	Isolation/Enumeration
01-485		Dichloran Glycerin Selective Agar (DG18 Agar)		Isolation/Enumeration
01-657		Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)	ISO	Isolation/Enumeration
01-633		m-Green Agar	ISO	Enumeration
01-672		Malt Extract Agar (Blakeslee)	IFU	Cultivation
01-111		Malt Extract Agar No. 1	BAM/COMPF	Isolation/Enumeration
01-573		Malt Extract Agar No. 2		Isolation/Enumeration
01-574		Malt Extract Agar No. 3		Isolation/Enumeration
02-111		Malt Extract Broth No. 1	BAM/COMPF	Cultivation
02-491		Malt Extract Broth No. 2		Cultivation
01-483		Potato Dextrose Agar (Eur. Pharm.)	HP/BAM/COMPF/USP	Isolation/Enumeration/Detection
02-483		Potato Dextrose Broth	BAM/COMPF/SMD/USP	Enrichment/Cultivation
01-301		Rose Bengal Agar	COMPF/SMWW	Isolation/Enumeration
02-165		Sabouraud Broth	HP/USP	Sterility test/Enrichment
01-166		Sabouraud Chloramphenicol Agar	ISO/EP/USP	Isolation/Enumeration/Identification
01-165		Sabouraud Dextrose Agar	HP/BAM/EP/ISO/USP	Enumeration
01-275		Sabouraud Oxytetracycline Agar Base (OGYEA)	EP/ISO/USP	Isolation/Enumeration
01-210		WL Nutrient Agar		Isolation/Enumeration/Culture
01-132		Wort Agar		Isolation/Enumeration/Cultivation
02-132		Wort Broth		Isolation/Enumeration/Cultivation
01-219		Yeast Malt Agar		Isolation/Cultivation
01-026	Lactic acid bacteria	APT Agar	COMPF	Isolation/Enumeration
01-135		MRS Agar	COMPF/IDF/IFU/ISO	Isolation/Enumeration
02-135		MRS Broth	IFU/ISO	Enrichment/Isolation/Cultivation
02-496	Listeria spp.	Listeria Enrichment Broth Base (Fraser)	ISO	Enrichment
02-498		Listeria Enrichment Broth Base (Lovett)	BAM/IDF	Enrichment
02-472		Listeria Enrichment Broth Base (UVM)	AOAC	Enrichment
01-471		Oxford Agar Base	ISO	Isolation/Enumeration
01-470		Palcam Agar Base	ISO	Isolation/Enumeration
01-719		Microinstant Chromogenic Listeria Agar acc. Ottaviani & Agosti	ISO	Isolation/Enumeration
02-599	Pathogenic microorganisms	Brain Heart Infusion Broth (BHI Broth)	BAM/COMPF/ISO/SMWW/CE	Enrichment/Cultivation
01-160	Pseudomonas	Cetrimide Agar (Pseudomonas Selective Agar) (Eur. Pharm.)	HP/AOAC/EP/USP	Isolation/Enumeration
01-609		CN Selective Agar Base	EN/ISO	Isolation
01-001		King A Agar (P Agar)	ISO	Detection/Enumeration
01-203	Salmonella	Brilliant Green Agar (BGA)	EP/USP	Isolation/Enumeration
02-335		Muller-Kauffmann Tetrathionate Broth Base	DIN/ISO	Enrichment
02-379		Rappaport Vassiliadis Broth	AOAC/BAM/COMPF/IDF/ISO	Enrichment
03-376		Rappaport Vassiliadis Modified Semisolid Medium Base	ISO	Isolation/Enrichment
02-602		Selenite Cystine Broth Base	COMPF/ISO/USP/CE	Enrichment
01-309		Brilliant Green Modified Agar (BGA Modified)	DIN/IDF/ISO	Isolation/Enumeration
01-216	Salmonella spp./Shigella spp.	Hektoen Enteric Agar	AOAC/BAM/COMPF/ISO	Isolation/Enumeration
01-555		Salmonella-Shigella Agar (SS Agar)	AOAC/COMPF/CE	Isolation/Enumeration
02-598		Selenite Broth Base	BAM/DIN/CE	Enrichment
02-629		Tetrazolate Bile Brilliant Green Broth Base	EP	Enrichment
01-552		Xylose Lysine Deoxycholate Modified Agar	BAM/COMPF/ISO	Isolation/Enumeration
01-665		Acetate Differential Agar	BAM/ISO	Differentiation
01-664	Shigella spp.	Christensen's Citrate Agar	BAM/ISO	Detection/Identification
02-663		Purple Broth Base	ISO	Confirmation
02-662		Shigella Broth	BAM/ISO	Enrichment
01-030	Staphylococci	Baird Parker Agar Base	BAM/EP/ISO/USP	Isolation/Enumeration
01-346		DNase Agar		Isolation/Enumeration/Identification
02-230		Giolitti-Cantoni Broth	EN/IDF/ISO	Enumeration/Enrichment
01-116		Mannitol Salt Agar (Eur. Pharm.)	HP/BAM/ISO/USP	Isolation/Enumeration
01-206		Vogel Johnson Agar (VJ Agar)	BAM/ISO/USP	Isolation/Enumeration
01-634		Iron Sulfite Modified Agar	ISO/NMKL	Isolation/Enumeration
02-468	Vibrio	Alkaline Peptone Water		Enrichment/Cultivation
02-697		Alkaline Saline Peptone Water	COMPF/ISO/SMWW	Enrichment/Cultivation
01-291		Marine Agar		Isolation/Enumeration/Maintenance
01-567		TCBS Agar	AOAC/BAM/COMPF/ISO	Isolation
01-444	Yersinia	Yersinia CIN Agar Base	ISO	Isolation

Culture Media for Microbiology

Application tables

Culture media for molecular biology analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-118	Coliforms	MacConkey Agar (Eur. Pharm.)	HP/AOAC/BAM/COMPF/EP/ISO/SMWW/USP/CE	Isolation/Enumeration
01-385	E. coli	LB Agar (Miller)		Cultivation
02-384		LB Broth		Cultivation
02-406		LB Broth (Lennox)		Cultivation
02-385		LB Broth (Miller)		Cultivation
02-118	Enterobacteria	MacConkey Broth	AOAC/ISO/SMWW	Detection/Enumeration
02-473	Fungi (Yeasts and moulds)	Yeast Extract Peptone Dextrose Broth (YEPD)		Cultivation

Culture media for pharma analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-140	Aerobic Microorganism Plate Count	Nutrient Agar	BAM/BP/ISO	Cultivation
02-140		Nutrient Broth	BP	Cultivation
02-144		Nutrient Broth (APHA)	COMPF/EP/SMD/SMWW	Enrichment/Cultivation
02-032		Phenol Red Broth Base	BAM/COMPF/SMD/USP	Identification
01-161		Plate Count Agar (PCA)	BAM/COMPF/IDF/ISO/USP	Enumeration
01-540		R2A Agar	HP(WATER MONOGRAPH 6TH ED.)/EP/SMWW	Enumeration
01-200		Tryptic Soy Agar (TSA) (Eur. Pharm.)	HP/BAM/COMPF/ISO/EP/USP	General application
02-200		Tryptic Soy Broth (TSB) (Eur. Pharm.)	HP/AOAC/BAM/COMPF/EP/USP	General application/Enrichment
02-575		Tryptic Soy Broth Irradiated	HP/EP/ISO	General application
02-186		Thioglycollate Broth	AOAC/BAM/EP/USP	Sterility test
03-187	Antibiotic assay	Thioglycollate Fluid Medium	HP/AOAC/BAM/CMPH/COPF/EP/ISO/USP	Sterility test
01-009		Antibiotic Medium A pH 6.6 (Eur. Pharm.)	HP/EP/USP	Antibiotic assay
01-017		Antibiotic Medium A pH 7.9 (Eur. Pharm.)	HP/EP/USP	Antibiotic assay
01-016		Antibiotic Medium B (Eur. Pharm.)	HP/EP/USP	Antibiotic assay
02-011		Antibiotic Medium C (Eur. Pharm.)	HP/EP/USP	Antibiotic Assay
01-430		Antibiotic Medium E	HP/EP/USP	Antibiotic assay
01-434		Antibiotic Medium F (Eur. Pharm.)	HP/EP/USP	Antibiotic assay
01-545		Antibiotic Medium NO. 35 (Eur. Phar. Antibiotic Medium G)	HP/EP/USP	Antibiotic assay
01-136		Mueller-Hinton Agar	BAM/CLSI(NCCLS)/ISO/CE	Sensibility test
02-519		Lactose Sulfite Broth Base	EP/ISO	Identification
03-289	Clostridia	Reinforced Clostridial Medium (Eur. Pharm.)	HP/EP	Cultivation/Enumeration/Enrichment
01-068		Eosin Methylene Blue Agar (EMB Agar)	BAM/ISO/USP	Isolation/Enumeration
01-118		MacConkey Agar (Eur. Pharm.)	HP/AOAC/BAM/COMPF/EP/ISO/SMWW/USP/CE	Isolation/Enumeration
02-611		MacConkey Broth (Eur. Pharm.)	HP/EP	Enrichment/Isolation/Enumeration
02-583		Neutralizing Special Broth		Neutralizing
02-494		Buffered Peptone Water (Eur. Pharm.)	HP/EP/ISO	Homogenizations of samples
02-539		Casein Lecithin Polysorbate Broth Base	USP	Dilute/Neutralize preservatives
02-510		Maximum Recovery Diluent (MRD)	ISO	Dilution/Enrichment
02-512		Neutralizing Fluid	EP	Neutralizing Diluter
02-064		Enrichment Enterobacteriaceae Broth (EE Broth) (Eur. Pharm.)	HP/ISO/EP	Enrichment
01-192	Enterobacteria	Triple Sugar Iron Agar (TSI Agar)	AOAC/BAM/EP/IDF/ISO/USP	Isolation/Enumeration/Identification
01-295		Violet Red Bile Dextrose Agar (VRBD Agar) (Eur. Pharm.)	HP/EP/ISO	Isolation/Enumeration
01-220		Violet Red Bile Lactose Dextrose Agar	EP	Isolation/Detection
02-105		Lactose Broth	AOAC/COMPF/EP/ISO/SMWW/USP	Enrichment
02-027		Azide Dextrose Broth (Rothe)	COMPF	Isolation/Enumeration
01-263		Kanamycin Esculin Azide Agar (KAA Agar)	COMPF	Isolation/Enumeration
01-680		Columbia Agar (Eur. Pharm.)	HP/ISO/CE	Cultivation/Study non-sterile products
01-483		Potato Dextrose Agar (Eur. Pharm.)	HP/BAM/COMPF/USP	Isolation/Enumeration/Detection
02-483		Potato Dextrose Broth	BAM/COMPF/SMD/USP	Enrichment/Cultivation
02-165		Sabouraud Broth	HP/USP	Sterility test/Enrichment
01-166	Fastidious Microorganisms	Sabouraud Chloramphenicol Agar	ISO/EP/USP	Isolation/Enumeration/Identification
01-165		Sabouraud Dextrose Agar	HP/BAM/EP/ISO/USP	Enumeration
01-275		Sabouraud Oxytetracycline Agar Base (OGYEA)	EP/ISO/USP	Isolation/Enumeration

Culture Media for Microbiology

Application tables

Culture media for water analysis

Art. No.	Parameter	Description	Regulations	Enrichment/Isolation...
01-144	Aerobic Microorganism Plate Count	Nutrient Agar (APHA)	COMP/ISO	General application
01-140		Nutrient Agar	BAM/BP/ISO	Cultivation
02-144		Nutrient Broth (APHA)	COMP/EP/SMD/SMWW	Enrichment/Cultivation
01-161		Plate Count Agar (PCA)	BAM/COMP/IDF/ISO/USP	Enumeration
01-540		R2A Agar	HP(WATER MONOGRAPH 6TH ED.)EP/SMWW	Enumeration
01-200		Tryptic Soy Agar (TSA) (Eur. Pharm.)	HP/BAM/COMP/ISO/EP/USP	General application
01-082		Tryptone Glucose Extract Agar (TGE Agar)	BAM/COMP/SMD	Enumeration
01-590		Tryptone Yeast Extract Agar	ISO	Enumeration
02-654	Aerobic bacteria - E. coli	Eugon LT 100 Broth	ISO	Enrichment
01-007	Algae	Algae Agar	SMWW	Isolation/Cultivation
02-007		Algae Broth	SMWW	Cultivation
02-227	Bacillus stearothermophilus	Tryptic Soy Broth Without Dextrose	ISO	Sensitivity test
01-050	Clostridia	Clostridium perfringens, Selective Agar (SPS Agar)	BAM	Isolation/Enumeration
01-513		m-CP Agar Base	DIRECTIVE 98/83/CE	Isolation/Enumeration
02-410		Differential Reinforced Clostridial Medium (DRCM)	DIN/ISO	Enumeration/Enrichment
01-289		Reinforced Clostridial Agar		Isolation/Enumeration/cultivation
01-195		Tryptone Sulfite Neomycin Agar (TSN Agar)		Isolation/Enumeration
01-278		Tryptose Sulfite Cycloserine Agar (TSC Agar)	BAM/COMP/ISO	Isolation/Enumeration
01-068	Coliforms	Eosin Methylene Blue Agar (EMB Agar)	BAM/ISO/USP	Isolation/Enumeration
01-118		MacConkey Agar (Eur. Pharm.)	HP/AOAC/BAM/COMP/EP/ISO/SMWW/USP/CE	Isolation/Enumeration
02-041	Coliforms and E. coli	Brilliant Green Bile 2% Broth	BAM/COMP/ISO/SMWW	Detection/Enrichment
01-053		Chapman TTC Agar (Tergitol® 7 Agar)	ISO	Isolation/Enumeration
01-695		Chromogenic Coliform Agar	Spanish Health Ministry	Isolation/Enumeration
01-618		Chromogenic Colinstant Agar		Isolation/Enumeration
02-060		E. coli Broth	COMP/ISO/SMWW	Detection/Enrichment
01-524		m-Lauryl sulfate Agar		Isolation/Enumeration
02-611		MacConkey Broth (Eur. Pharm.)	HP/EP	Enrichment/Isolation/Enumeration
01-619		Tryptone Bile Glucuronic Agar (TBX Agar)	ISO/SL	Detection/Isolation
02-418		Tryptophan Broth	ISO	Confirmation
03-577		Tryptone Water pH 7,5		Differentiation/Identification
02-108		Tryptose Lauryl sulfate Broth	BAM/COMP/IDF/ISO/SMD/SMWW	Detection/Enumeration/Enrichment
02-460		Tryptose Lauryl sulfate Mannitol Tryptophan Broth	ISO	Confirmation
01-164		Violet Red Bile Agar (VRB Agar)	COMP/IDF/ISO	Isolation/Enumeration
01-526		Tryptone Bile Agar	ISO	Enumeration
02-510	Diluents	Maximum Recovery Diluent (MRD)	ISO	Dilution/ Enrichment
01-589	Enterobacteria	Endo Agar Base	AOAC/COMP/SMD	Isolation/Enrichment/Cultivation
02-118		MacConkey Broth	AOAC/ISO/SMWW	Detection/Enumeration
01-057		Deoxycholate Lactose Agar	COMP/SMWW	Isolation/Enumeration
02-105		Lactose Broth	AOAC/COMP/EP/ISO/SMWW/USP	Enrichment
01-592	Enterococci-Streptococci	Bile Esculin Azide Agar	BAM/ISO	Isolation/Enumeration/Confirmation
02-028		Ethyl Violet Azide Broth (EVA Broth)	COMP/SMWW	Confirmation
01-263		Kanamycin Esculin Azide Agar (KAA Agar)	COMP	Isolation/Enumeration
01-294		Kenner Fecal Agar (KF Agar)	COMP/SMWW	Isolation/Enumeration
01-682		MacConkey No. 2 Agar		Isolation/Identification
01-579		Slanetz Bartley Agar Base	ISO	Isolation/Enumeration
01-599	Fastidious microorganisms	Brain Heart Infusion Agar (BHI Agar)	COMP/DIN/ISO/SMWW	Cultivation
01-633	Fungi (Yeasts and moulds)	m-Green Agar	ISO	Enumeration
02-633		m-Green Broth	ISO	Enumeration
01-301		Rose Bengal Agar	COMP/SMWW	Isolation/Enumeration
01-166		Sabouraud Chloramphenicol Agar	ISO/EP/USP	Isolation/Enumeration/Identification
01-165		Sabouraud Dextrose Agar	HP/BAM/EP/ISO/USP	Enumeration
02-135	Lactic acid bacteria	MRS Broth	IFU/ISO	Enrichment/Isolation/Cultivation
01-687	Legionella	Legionella BCYE Agar Base	ISO	Isolation/Enumeration
02-599	Pathogenic microorganisms	Brain Heart Infusion Broth (BHI Broth)	BAM/COMP/ISO/SMWW/CE	Enrichment/Cultivation
01-160	Pseudomonas	Cetrimide Agar (Pseudomonas Selective Agar) (Eur. Pharm.)	HP/AOAC/EP/USP	Isolation/Enumeration
01-609		CN Selective Agar Base	EN/ISO	Isolation
01-001		King A Agar (P Agar)	ISO	Detection/Enumeration
01-029		King B Agar (F Agar)	ISO	Detection/Enumeration
03-428	Pseudomonas aeruginosa	Acetamide Medium	DIN/EN/ISO	Enrichment/Confirmation
02-271		Asparagine Broth		MPN Enumeration
02-668	Salmonella spp.	Rappaport Vassiliadis Salmonella Enrichment Broth	HP/ISO	Enrichment
02-602		Selenite Cystine Broth Base	COMP/ISO/USP/CE	Enrichment
01-309	Salmonella spp./ Shigella spp.	Brilliant Green Modified Agar (BGA Modified)	DIN/IDF/ISO	Isolation/Enumeration
01-211		Xylose Lysine Deoxycholate Agar (Eur. Pharm.)	BAM/COMP/ISO	Isolation
01-116	Staphylococci	Mannitol Salt Agar (Eur. Pharm.)	HP/BAM/ISO/USP	Isolation/Enumeration
02-697	Vibrio	Alkaline Saline Peptone Water	COMP/ISO/SMWW	Enrichment/Cultivation
01-291		Marine Agar		Isolation/Enumeration/Maintenance
01-567		TCBS Agar	AOAC/BAM/COMP/ISO	Isolation

Culture Media for Microbiology

Other related products: Easy kits for sampling surfaces

All you need for the sampling of animal carcasses and surfaces in a practical and simple kit.

Save time in your sampling procedures.

Sampling kits for microbiological control in slaughterhouses and meat processing plants

According to ISO 17604 regulation for sampling of animal carcasses in microbiological tests and following the latest recommendations of the European Directive Chapter 3. Annex I. (CE) 1441/2007 (modification of (CE) 2073/2005) (Non-destructive method).

This microbiological sampling method may be performed as part of:

- Process control in slaughter houses.
- Establishment of risk prevention systems in product safety.
- Surveillance and monitoring of specific pathogenic microorganisms.

These kits are also useful for environmental surface sampling of working areas and

equipment control in general.

Application:

- Surfaces
- Carcasses

Sites of use:

- Food
- Feed
- Dairy industries
- Meat processing plants
- Large catering halls
- Hygiene of public buildings

For detection of:

- Listeria
- Salmonella
- Coliforms
- Other pathogen bacteria

Carcass-Sponge-Kit (Sponge sampling method)



Kit comprising:

- 1 sterile abrasive sponge enclosed in a Whirl-Pak bag.
- 1 sterile disposable square template of 100 cm². (10 x 10 cm) inside a zip-lock bag.
- 1 flask with 25 ml of sterile diluent.

Sponge:

- Sterilised, free from bactericides, non-inhibiting to microorganisms.
- Ensures that microorganisms are kept alive.
- Dimensions: 3,8 x 7,6 x 1,5 cm.
- Bag is provided with large writing area for sample identification.

Diluent:

- Buffered peptone water according to ISO 6887-1.

Instructions:

1. Select areas to be sampled.
2. Open airtight bag tearing off its safety strip.
3. Add sufficient buffered peptone water to the bag to moisten the sponge, avoiding excess liquid.
4. Press the template firmly against the selected area and wipe the sponge over the enclosed sampling site 10 times in the vertical and 10 times in the horizontal direction for correct collection of the sample.
5. Place sponge in bag and add the remaining diluent.
6. Take flask to the laboratory in refrigerated conditions. Process samples within 1 hour, or store them at 2°C ± 2.

→ Use sterile gloves for wiping with the sponge.

Ordering information

Art. No.	Description	Units	Shelf life
064-V00017	Carcass-Sponge-Kit	20 units	1 year

Carcass-Swab-Kit (Wet and dry swab method)



Kit comprising:

- 2 sterile swabs individually packed.
- 1 sterile disposable square template 100 cm² (10 x 10 cm) inside a zip-lock bag.
- 1 flask with 10 ml of diluent.

Swab:

- Cotton head and wood shaft.

Diluent:

- Buffered peptone water according to ISO 6887-1.

Instructions:

1. Select areas to be sampled.
2. Moisten a swab with buffered peptone water.
3. Press the template firmly against the selected meat area and rub the swab over it for correct collection of the sample.
4. Rub pressing firmly and moving first horizontally and then moving the swab to all sides.
5. Insert swab in to flask with diluent and break off the wooden shaft. Only the head of the swab needs to remain in the flask.
6. Rub the same selected area with the second dry swab.
7. Insert swab into the same flask and break off shaft.
8. Take flask to the laboratory in refrigerated conditions. Process samples within 1 hour, or store them at 2°C ± 2.

Ordering information

Art. No.	Description	Units	Shelf life
064-V00018	Carcass-Swab-Kit	20 units	1 year

Other related products: Easy kits for sampling surfaces

Surface-Sponge-Kit (Sponge sampling method)


Kit comprising:

- 1 sterile sponge enclosed in a Whirl-Pak bag.
- 1 sterile disposable square template of 20 cm² (5 x 4 cm) inside a zip-lock bag.
- 1 flask with 40 ml of sterile diluent.

Sponge:

- Sterilised, free from bactericides, non-inhibiting to microorganisms.
- Ensures the viability microorganisms.
- Dimensions: 3,8 x 7,6 x 1,5 cm.
- Bag is provided with large writing area for sample identification.

Diluent:

- D/E Neutralizing broth is a medium that contains neutralizers to prevent any inhibitory effects caused by sanitiser residues.

Instructions:

1. Select areas to be sampled.
2. Open airtight bag tearing off its safety strip.
3. Add sufficient D/E neutralizing broth into the bag to moisten sponge avoiding excess liquid. In case of moist surfaces, this step is not necessary.
4. Press the template firmly against the selected area and wipe the sponge in two perpendicular directions, changing the face of the sponge.
5. Place sponge in bag and add the remaining diluent.
6. Take bag containing the sponge to the laboratory and refrigerate within 4 hours (1°-4°C). Process samples not later than 24 hours.

→ Use sterile gloves for wiping with the sponge.

Ordering information

Art. No.	Description	Units	Shelf life
064-V00019	Surface-Sponge-Kit	20 units	1 year

Considerations:

- For sampling of enterobacteria and aerobic microorganisms, the European Directive 1441/2007 recommends selection of four sampling sites in each carcass and each sampling area must cover a minimum surface area of 100 cm² (following non-destructive method).
- For Salmonella sampling two swabs have to be used, selecting sites, where contamination is most probable. The total sampled area has to be minimum 400 cm².
- All samples from the different areas of the same carcass have to be joined before the analysis.
- Sampling points in carcass and process control should be selected according to risk-based principles.

Storage and shelf life:

Like all prepared culture media from Scharlau, this product can be stored at room temperature and has a shelf life of one year from date of manufacture. Despite of the fact that irradiated products have longer expiry dates, shelf life is determined by the shelf life of the solution in the flask, which is of one year.

Templates are available separately:

Ordering information

Art. No.	Description	Units
064-V00014	100 cm ² (10 x 10 cm) disposable square template	20 units
064-V00016	20 cm ² (5 x 4 cm) disposable square template	20 units

Surface-Swab-Kit (Wet and dry swab method)


Kit comprising:

- 1 sterile swab individually packed.
- 1 sterile disposable square template of 20 cm² (5 x 4 cm) inside a zip-lock bag.
- 1 flask with 40 ml of diluent.

Swab:

- Cotton head and wood shaft.

Diluent:

- D/E Neutralizing Broth is a medium that contains neutralizers to prevent any inhibitory effect of the residue of disinfectants.

Instructions:

1. Select areas to be sampled.
2. Moisten the swab with D/E neutralizing broth.
3. Press the template firmly against the selected meat area and rub the swab over it for correct collection of the sample.
4. For correct collection the area should be swabbed both left to right and top to bottom whilst rotating the swab.
5. Insert swab in to flask with diluent and break off the wooden shaft. Only the head of the swab needs to remain in the flask.
6. Take flask to the laboratory and refrigerate within 4 hours (1°-4°C). Process samples not later than 24 hours.

Ordering information

Art. No.	Description	Units	Shelf life
064-V00020	Surface-Swab-Kit	20 units	1 year

Culture Media for Microbiology

Other related products: Cryoinstant

Cryo-preservation system for the storage and maintenance of microorganisms and culture collections.

Principle

CRYOINSTANT® is a simple method for maintaining culture collections that offers distinct advantages to repetitive culturing and avoiding such problems as contaminated cultures, loss of viability and loss of original characteristics due to biochemical and genetic changes. The system consists of a vial with 25 coloured plastic beads inside a cryopreservative solution.

CRYOINSTANT® allows the storage of 25 identical cultures in one vial. Large number of strains can be stored in a small space inside a freezer.

Individual beads are either streaked on a plate or resuscitated in a suitable broth. Vials are available in six different colours to allow sorting by species, samples, origin, etc.

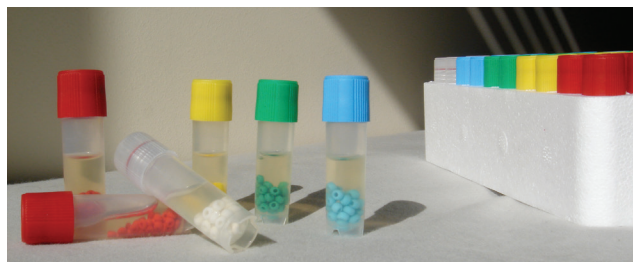
Procedure

Storage of a microorganism:

- Collect the fresh (less than 24 h) and pure colonies on the plate with a loop and inoculate them directly to the CRYOINSTANT® vial.
- Replace cap and emulsify by inverting the vial 4-5 times to let the microorganisms bind to the porous surface of the beads. Use a pipette to remove as much cryopreservative solution as possible and re-close the vial. Make sure the beads adhere as little as possible to each other. Record details of its content on the vial.
- Place the cryovials in a block and carry them to the freezer. Removal of the beads will be easier if you freeze them in horizontal position. Once frozen, you can store them in the most convenient and space saving position inside the freezer.
- Ideal storage temperature is between -60°C and -80°C. Some organism may be stored at up to -20°C.
- We recommend always preparing at least 2 vials for each microorganism, one for routine work and one as reserve in case of any accident. This second vial should be kept in a separate freezer, if possible.
- We also recommend checking one of the vials shortly after freezing, to ensure that stored microorganisms is still viable.

Recovery of a microorganism:

- Remove the CRYOINSTANT® vial from the freezer and extract quickly a bead from the vial by means of a sterile needle or forceps.
- To avoid thawing of the vial, use carbon dioxide snow or alternatively transport the vials in a frozen paraffin block. Pour hot paraffin into a tray creating a block of a height about 2/3 of the cryovial. When it has solidified, make a number of holes with a cryovial. Keep the block in the freezer and use it to transport the CRYOINSTANT® vials. Paraffin is a good insulator and will maintain the temperature of the vial for about an hour.



- Use a sterile loop to streak the bead over a solid medium or drop it into a liquid medium. Allow for complete thawing before incubation under suitable conditions. You may also inoculate in a suitable broth, incubate for 24 h and then pass on to the solid medium. Most microorganism recover faster in a liquid medium.
- Discard the bead safely. Never return the used bead back to the CRYOINSTANT® vial.

Storage and shelf life and quality control:

- CRYOINSTANT® vials should be stored at room temperature and kept away from direct light.
- Shelf life is printed on each box.
- Each batch of CRYOINSTANT® vials has been tested for sterility and recovery of fastidious microorganisms.

Limitations and safety precautions:

Observe aseptic conditions to ensure purity of the stored microorganism. No limitations for bacteria, yeasts, fungi and fastidious microorganisms.

Storage and recovery will depend on the freezing temperatures.

Excessive changes in temperature will reduce the viability of the microorganisms.

Observe appropriate biohazard precautions when processing microorganisms both in the preparation and disposal of used CRYOINSTANT® vials.

Ordering information

Art. No.	Description	Units	Shelf life
064-TA8271	Box of 50 CRYOINSTANT® vials red colour	50	2 years
064-TA8272	Box of 50 CRYOINSTANT® vials blue colour	50	2 years
064-TA8273	Box of 50 CRYOINSTANT® vials green colour	50	2 years
064-TA8274	Box of 50 CRYOINSTANT® vials yellow colour	50	2 years
064-TA8275	Box of 50 CRYOINSTANT® vials natural colour	50	2 years
064-TA8276	Box of 50 CRYOINSTANT® vials mixed colours	50	2 years

Anaerobic jars

Picture 1:

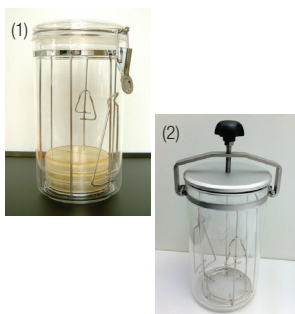
Art. No.	Capacity
064-AG0R25	2,5 litres (12 plates)

Picture 2:

- New extremely tight closure system with aluminium lid.
- Lid with high strength and durability.
- Changeable plastic container.

Art. No.	Capacity
064-AG0P25	2,5 litres (12 plates)

→ Includes grid. Valid also for tubes.



Sterile membranes for microbiological control (made from mixed cellulose esters)

- Economical.
- Especially for aqueous solutions.
- Individually packed.
- High contrast grid.



Art. No.	Poros (µm)	Colour/Grid	Ø (mm)	Units
ES47045100	0,45	White/Black	47	100

Culture Media for Microbiology

Other related products: Reagents for molecular biology

All of our products for molecular biology are manufactured according to the ISO 9002 quality certification and undergo strict quality controls to guarantee its suitability for molecular biology applications. We pay special attention to purity, low UV rays absorption and the absence of enzymes that can damage nucleic acids or proteins (DNase, RNase, proteases).

Biological buffers

Art. No.	Description	Presentation
HE0101	HEPES, extra pure	25g / 250g
HE0100	HEPES, free acid, molecular biology grade	25g / 250g
HE0011	HEPES, sodium salt, molecular biology grade	25g / 250g
MO0070	MOPS, molecular biology grade	100g / 500g
PI0061	PIPES, free acid, molecular biology grade	25g / 250g / 1Kg
PI0062	PIPES, sesquisodium salt	25g / 250g
TA0010	TAE 10X buffer, molecular biology grade	1L / 10L
TB0010	TBE 5X buffer, molecular biology grade	1L / 10L
TR0424	TRIS base, molecular biology grade	100g / 500g / 1Kg / 5Kg
TR0425	TRIS-HCl, molecular biology grade	100g / 1Kg / 5Kg
TR0422	TRIS, extra pure	250g / 1Kg / 5Kg

Cloning. Antibiotics

Art. No.	Description	Presentation
M0468	Ampicillin, sodium salt, biochemical purposes	5g / 25g
CL0025	Chloramphenicol, biochemical purposes	50g / 500g
KA0010	Kanamycin disulphate, molecular biology grade	5g / 25g
TE0132	Tetracycline hydrochloride, biochemical purposes	10g / 50g

Cloning. Enzyme substrates

Art. No.	Description	Presentation
IP0010	IPTG, molecular biology grade (dioxane free)	1g
XG0010	X-GAL, biochemical purposes	100 mg / 500 mg

DNA / RNA extraction

Art. No.	Description	Presentation
CE0121	Cesium chloride, molecular biology grade	100g / 500g
FE0484	Phenol cryst., molecular biology grade	100g / 500g
GU0061	Guanidine hydrochloride, molecular biology grade	100g / 1Kg
GU0065	Guanidine thiocyanate, molecular biology grade	25g / 250g
LI0112	Lithium chloride, molecular biology grade	50g / 250g
SA0020	Sucrose, extra pure	500g / 1Kg / 5Kg
SU0030	Sucrose, molecular biology grade	1Kg / 5Kg

Electrophoresis. Agarose and acrylamide

Art. No.	Description	Presentation
AC3345	Acrylamide, electrophoresis grade	100g / 1Kg
AC3343	Acrylamide, molecular biology grade	100g / 1Kg
AG0032	Agarose High EEO	25g / 100g / 250g
AG0036	Agarose high resolution	5g / 25g
AG0030	Agarose Low EEO	25g / 100g / 250g / 1Kg
AG0031	Agarose Medium EEO	25g / 100g / 250g / 1Kg
AG0034	Agarose Low Melt	5g / 25g
BI0091	n,n'-Methylene-bis-acrylamide, electrophoresis grade	10g / 50g
BI0090	n,n'-Methylene-bis-acrylamide, molecular biology grade	25g

Electrophoresis. Dyes

Art. No.	Description	Presentation
ET0108	Ethidium bromide, biochemical purposes	1g / 10g
ET0109	Ethidium bromide, solution 10mg / mL	10mL / 250mL

Electrophoresis. Buffers for electrophoresis

Art. No.	Description	Presentation
TA0010	TAE 10X buffer, molecular biology grade	1L / 10L
TB0010	TBE 5X buffer, molecular biology grade	1L / 10L

Electrophoresis. Reagents for electrophoresis

Art. No.	Description	Presentation
AM0371	Ammonium persulfate, molecular biology grade	25g / 100g
AC0402	Glycine, extra pure	250g / 1Kg / 5Kg
AC0406	Glycine, molecular biology grade	100g / 1Kg
TE0050	TEMED, r.g.	10mL / 100mL
UR0133	Urea, molecular biology grade	100g / 500g / 2,5Kg

Hybridization. Reagents for hibridization

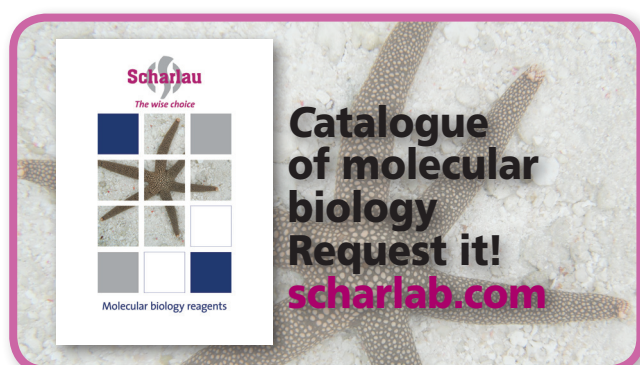
Art. No.	Description	Presentation
FO0026	Formamide, r.g.	1L / 2,5 L
FO0027	Formamide deionized, molecular biology grade	100mL

Hybridization. Buffers for hibridization

Art. No.	Description	Presentation
AM0271	Ammonium acetate, molecular biology grade	250g / 500g
AM0274	Ammonium chloride, molecular biology grade	500g
AM0401	Ammonium sulfate, molecular biology grade	100g / 1Kg
SD0010	SDS, molecular biology grade	50g / 500g
SS0010	SSC 20X buffer, molecular biology grade	1L
SS0015	SSPE 20X buffer, molecular biology grade	1L

Other products

Art. No.	Description	Presentation
AC0580	Boric acid, molecular biology grade	500g / 1Kg / 5Kg
AC0726	Citric acid 1 hydrate, molecular biology grade	100g / 1Kg
CA0198	Calcium chloride 2 hydrate, molecular biology grade	250g / 1Kg
DI1360	1,4-dithiotreitol, molecular biology grade	1g / 10g
AC0965	EDTA, disodium salt 2 hydrate, r.g.	250g / 500g / 1Kg / 5Kg
AC0967	EDTA, disodium salt, molecular biology grade	100g / 1Kg / 5Kg
ET0011	Ethanol, DNase free	500mL / 1L / 2,5L
FI0009	Ficoll® 400	25g
FO0012	Formaldehyde, sol 37%, molecular biology grade	250mL / 1L
FO0011	Formaldehyde, sol 37%, r.g.	1L / 2,5 L / 5 / 25 L
GL0028	Glycerol anhydrous, molecular biology grade	100mL / 1L
MA0037	Magnesium chloride 6 hydrate, molecular biology grade	100g / 500g
MA0086	Magnesium sulphate 7 hydrate, molecular biology grade	100g / 500g
ME0095	2-mercaptoethanol, molecular biology grade	50mL / 250mL
PO0066	Polyethylene glycol 6000, molecular biology grade	100g / 1Kg
PO0080	Polyvinylpyrrolidone, molecular biology grade	100g / 1Kg
PO0112	Potassium acetate, molecular biology grade	250g / 1Kg
PO0201	Potassium chloride, molecular biology grade	250g / 1Kg
PO0262	Potassium di-hydrogen phosphate, molecular biology grade	100g / 1Kg
SO0036	Sodium acetate anhydrous, molecular biology grade	500g / 1Kg / 5Kg
SO0230	Sodium chloride, molecular biology grade	500g / 1Kg / 5Kg
SO0328	Sodium di-hydrogen phosphate 1 hydrate, molecular biology grade	250g / 1Kg / 5Kg
SO0329	di-Sodium hydrogenophosphate anhydrous, molecular biology grade	250g / 500g / 1Kg / 5Kg
SO0205	tri-Sodium citrate dihydrate, molecular biology grade	100g / 1Kg / 5Kg
TR0447	Triton X-100, molecular biology grade	50mL
TW0022	Tween 20, molecular biology grade	100mL
CI0155	Zinc chloride, molecular biology grade	50g



Catalogue of molecular biology
Request it!
scharlab.com

Molecular biology reagents

Culture Media for Microbiology

Cross references: **DIFCO** - SCHARLAU (alphabetical)

Art. No. DIFCO	Description DIFCO	Art. No. SCHARLAU	Description SCHARLAU
274210	Acetate Differential Agar	01-665	Acetate Differential Agar
226340	Antibiotic Medium 1	01-009	Antibiotic Medium A pH 6.6 (Eur. Pharm.)
246310	Antibiotic Medium 10	01-016	Antibiotic Medium B (Eur. Pharm.)
259310	Antibiotic Medium 11	01-017	Antibiotic Medium A pH 7.9 (Eur. Pharm.)
243100	Antibiotic Medium 19	01-434	Antibiotic Medium F (Eur. Pharm.)
232681	Antimicrobial vial P	06-021	Polymyxin B Sulfate Selective Supplement
265430	APT Agar	01-026	APT Agar
214010	Bacto Agar	07-004	Agar Bacteriological
211520	Bacto Beef extract, desiccated	07-515	Beef Extract
225930	Bacto caseitone	07-154	Tryptone - Casein Pancreatic Peptone
243620	Bacto Soytone	07-155	Soy Peptone
249240	Bacto Todd Hewitt Broth	02-191	Todd-Hewitt Broth
211705	Bacto tryptone	07-119	Tryptone - Casein Trypsic Peptone
211705	Bacto tryptone	07-489	Tryptone - Peptone from Casein acc. to USP specifications
211713	Bacto Tryptose	07-197	Tryptose
212750	Bacto Yeast Extract	07-079	Yeast Extract
276840	Baird Parker Agar Base	01-030	Baird Parker Agar Base
269620	Blood Agar Base N.2	01-505	Blood Agar Base No. 2
241830	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
256120	Brain Heart Infusion porcine	02-599	Brain Heart Infusion Broth (BHI Broth)
228530	Brilliant green Agar	01-203	Brilliant Green Agar (BGA)
218801	Brilliant Green Agar Modified	01-309	Brilliant Green Modified Agar (BGA Modified)
274000	Brilliant green Bile Broth 2%	02-041	Brilliant Green Bile 2% Broth
218105	Buffered peptone Water	02-568	Peptone Water Phosphate-Buffered
214891	Campylobacter Antimicrobial Supplement Skirrow	06-132	Campylobacter Skirrow Selective Supplement
285420	Cetrimide Agar Base	01-160	Cetrimide Agar (Pseudomonas Selective Agar)
279240	Columbia Blood Agar Base	01-034	Blood Agar Base (Columbia)
268620	D/E Neutralizing Agar	01-610	D/E Neutralizing Agar
281910	D/E Neutralizing Broth	02-610	D/E Neutralizing Broth
242010	Desoxycholate Lactose Agar	01-057	Deoxycholate Lactose Agar
214530	Difco Agar granulated	07-490	Agar-Agar
263220	DNase Test Agar	01-346	DNASE Agar
258710	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)
231430	EC Medium	02-060	E. coli Broth
256620	EE Broth Mossel	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
233472	Egg-Yolk Enrichment 50%	06-016	Sterile Egg Yolk Emulsion
274620	m-ENTEROCOCCUS AGAR	01-579	Slanetz Bartley Agar Base
259010	Eugon Broth	02-654	Eugon LT 100 Broth
212107	EVA Broth	02-028	Ethyl Violet Azide Broth (EVA Broth)
267720	m-FC Agar	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
264210	Fluid Sabouraud Medium	02-165	Sabouraud Broth
225650	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium
211767	Fraser Broth Base	02-496	Listeria Enrichment Broth Base (Fraser)
228950	GC MEDIUM BASE	01-310	GC Agar Base
218091	Giolitti Cantoni Broth Base	02-230	Giolitti-Cantoni Broth
248610	GN broth, Haina	02-093	Gram Negative Broth (GN Broth)
285340	HEKTOEN Enteric Agar	01-216	Hektoen Enteric Agar
261185	Indol Reagent	RE0007	Kovacs' Reagent
249610	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)
288210	Lactobacilli MRS Agar	01-135	MRS Agar
288130	Lactobacilli MRS Broth	02-135	MRS Broth
211835	Lactose Broth	02-105	Lactose Broth
224150	Lauryl tryptose Broth	02-108	Tryptose Lauryl sulfate Broth
244520	LB Agar, Miller	01-385	LB Agar (Miller)
240230	LB Broth, Lennox	02-406	LB Broth (Lennox)
244620	LB Broth, Miller	02-385	LB Broth (Miller)
268010	Lethen Agar	01-236	Lethen Agar
263110	Lethen Agar Modified	01-237	Lethen Modified Agar
268110	Lethen Broth	02-236	Lethen Broth
263010	Lethen Broth Modified	02-237	Lethen Modified Broth
222220	LISTERIA ENRICHMENT BROTH	02-498	Listeria Enrichment Broth Base (Lovett)
241420	Luria Broth Base, Miller	02-384	LB Broth
284920	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
212123	MacCONKEY Agar	01-118	MacConkey Agar
220100	MacConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)
279100	MacConkey Sorbitol Agar	01-729	MacConkey Sorbitol Agar
230650	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
212185	Marine Agar 2216	01-291	Marine Agar
218971	Maximum recovery Diluent	02-510	Maximum Recovery Diluent (MRD)
255320	Microbial content Test Agar	01-613	Microbial Content Test Agar
218501	Mineral Modified Glutamate Broth	02-656	Mineral Modified Glutamate Medium Base
273520	MIO Medium	03-422	Motility Indol Ornithine Fluid Medium (MIO)
216300	MR-VP Medium	02-207	Methyl Red Voges Proskauer Broth (MRVP)

Culture Media for Microbiology

Cross references: **DIFCO** - **SCHARLAU** (alphabetical)

Art. No. DIFCO	Description DIFCO	Art. No. SCHARLAU	Description SCHARLAU
225250	Mueller Hinton Agar	01-136	Mueller-Hinton Agar
275730	Mueller Hinton Broth (not Cation-Adjusted)	02-136	Mueller-Hinton Broth
218531	Muller Kauffmann tetrathionate Broth Base	02-335	Müller-Kauffmann Tetrathionate Broth Base
281010	MYP Agar	01-262	Bacillus cereus Agar
225710	NIH Thioglycollate Broth	02-186	Thioglycollate Broth
261197	Nitrate A Reagent	06-003	Nitrates A Solution
261198	Nitrate B Reagent	06-004	Nitrates B Solution
226810	Nitrate Broth	02-138	Nitrate Broth
213000	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA)
234000	Nutrient Broth	02-144	Nutrient Broth (APHA)
218111	O.G.Y.E Agar Base	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
268820	O/F Basal Medium	03-037	Oxidation-Fermentation Fluid Medium Base (O/F Medium)
222530	Oxford Medium Base	01-471	Oxford Agar Base
263620	PALCAM Medium Base	01-470	Palcam Agar Base
274520	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)
247940	Plate Count Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)
213400	Potato Dextrose Agar	01-483	Potato Dextrose Agar
254920	Potato Dextrose Broth	02-483	Potato Dextrose Broth
211693	Proteose Peptone n 3	07-625	Proteose Peptone No. 3
244820	Pseudomonas Agar F	01-029	King B Agar (F Agar)
244910	Pseudomonas Agar P	01-001	King A Agar (P Agar)
218263	R2A Agar	01-540	R2A Agar
218681	Rappaport Vassiliadis MSRV medium Semi-solid modification	03-376	Rappaport Vassiliadis Modified Semi-solid Medium Base
218581	Rappaport Vassiliadis R10 Broth	02-379	Rappaport Vassiliadis Broth
218081	Reinforced Clostridial Medium	01-289	Reinforced Clostridial Agar
218081	Reinforced Clostridial Medium (RCM)	03-289	Reinforced Clostridial Medium
218312	Rose Bengal Agar Base	01-301	Rose Bengal Agar
210950	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
274500	SALMONELLA SHIGELLA AGAR	01-555	Salmonella-Shigella Agar (SS Agar)
227540	Selenite Broth	02-598	Selenite Broth Base
268740	Selenite Cystine Broth	02-602	Selenite Cystine Broth Base
281110	SFP Agar Base	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
232100	Skim Milk	06-019	Skimmed Milk Powder
284530	SPS Agar	01-050	Clostridium Perfringens, Selective Agar (SPS Agar)
265020	TCBS Agar	01-567	TCBS AGAR
226540	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
236950	Tryptic Soy Agar (Soy Bean Casein Agar)	01-200	Tryptic Soy Agar (TSA)
223000	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
264410	Tryptone water	03-156	Tryptone Water (Peptone Water)
211825	Tryptic Soy Broth	02-200	Tryptic Soy Broth (TSB)
286220	Tryptic Soy Broth w/o Dextrose	02-227	Tryptic Soy Broth without Dextrose
231121	TTC Solution 1%	06-023	TTC Sterile Solution 1%
227210	Urea Broth	02-202	Urea Broth Base
222330	UVM modified Listeria Enrichment Broth	02-472	Listeria Enrichment Broth Base (UVM)
211695	Violet Red Bile Agar	01-164	Violet Red Bile Agar (VRB Agar)
218661	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)
256220	VJ Agar (Vogel Johnson Agar)	01-206	Vogel Johnson Agar (VJ Agar)
261193	VP Reagent B	RE0060	O'Meara's Reagent
242420	WL Nutrient Medium	01-210	WL Nutrient Agar
278850	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar)
219001	Yeast Extract Glucose Chloramphenicol Agar	01-366	Chloramphenicol Glucose Agar (CGA)
231961	Yersinia Antimicrobial Supplement CN	06-143	Yersinia Selective Supplement
218172	Yersinia Selective Agar	01-144	Nutrient Agar (APHA)
271210	YM Agar	01-219	Yeast Malt Agar
271120	YM Broth	02-219	Yeast Malt Broth
223420	XLTA Agar Base	01-708	XLTA Agar
235310	XLTA Agar Supplement	06-709	XLTA Agar Selective Supplement

Culture Media for Microbiology

Cross references: **DIFCO** - **SCHARLAU** (numeric)

Art. No. DIFCO	Description DIFCO	Art. No. SCHARLAU	Description SCHARLAU
210950	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
211520	Bacto Beef extract, desiccated	07-515	Beef Extract
211693	Proteose Peptone n 3	07-625	Proteose Peptone No. 3
211695	Violet Red Bile Agar	01-164	Violet Red Bile Agar (VRB Agar)
211705	Bacto tryptone	07-119	Tryptone - Casein Trypsic Peptone
211705	Bacto tryptone	07-489	Tryptone - Peptone from Casein acc. to USP specifications
211713	Bacto Tryptose	07-197	Tryptose
211767	Fraser Broth Base	02-496	Listeria Enrichment Broth Base (Fraser)
211825	Tryptic Soy Broth	02-200	Tryptic Soy Broth (TSB)
211835	Lactose Broth	02-105	Lactose Broth
212107	EVA Broth	02-028	Ethyl Violet Azide Broth (EVA Broth)
212123	MacCONKEY Agar	01-118	MacConkey Agar
212185	Marine Agar 2216	01-291	Marine Agar
212750	Bacto Yeast Extract	07-079	Yeast Extract
213000	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA)
213400	Potato Dextrose Agar	01-483	Potato Dextrose Agar
214010	Bacto Agar	07-004	Agar Bacteriological
214530	Difco Agar granulated	07-490	Agar-Agar
216300	MR-VP Medium	02-207	Methyl Red Voges Proskauer Broth (MRVP)
218081	Reinforced Cloristidial Medium	01-289	Reinforced Clostridial Agar
218081	Reinforced Clostridial Medium (RCM)	03-289	Reinforced Clostridial Medium
218091	Giolitti Cantoni Broth Base	02-230	Giolitti-Cantoni Broth
218105	Buffered peptone Water	02-568	Peptone Water Phosphate-Buffered
218111	O.G.Y.E Agar Base	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
218263	R2A Agar	01-540	R2A Agar
218312	Rose Bengal Agar Base	01-301	Rose Bengal Agar
218501	Mineral Modified Glutamate Broth	02-656	Mineral Modified Glutamate Medium Base
218531	Muller Kauffman tetrathionate Broth Base	02-335	Müller-Kauffmann Tetrathionate Broth Base
218581	Rappaport Vassiliadis R10 Broth	02-379	Rappaport Vassiliadis Broth
218661	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)
218681	Rappaport Vassiliadis MSRV medium Semi-solid modification	03-376	Rappaport Vassiliadis Modified Semi-solid Medium Base
218801	Brilliant Green Agar Modified	01-309	Brilliant Green Modified Agar (BGA Modified)
218971	Maximum recovery Diluent	02-510	Maximum Recovery Diluent (MRD)
219001	Yeast Extract Glucose Chloramphenicol Agar	01-366	Chloramphenicol Glucose Agar (CGA)
220100	MacConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)
222220	LISTERIA ENRICHMENT BROTH	02-498	Listeria Enrichment Broth Base (Lovett)
222330	UVM modified Listeria Enrichment Broth	02-472	Listeria Enrichment Broth Base (UVM)
222530	Oxford Medium Base	01-471	Oxford Agar Base
223000	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
223420	XLTA Agar Base	01-708	XLTA Agar
224150	Lauryl tryptose Broth	02-108	Tryptose Lauryl sulfate Broth
225250	Mueller Hinton Agar	01-136	Mueller-Hinton Agar
225650	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium
225710	NIH Thioglycollate Broth	02-186	Thioglycollate Broth
225930	Bacto casitone	07-154	Tryptone - Casein Pancreatic Peptone
226340	Antibiotic Medium 1	01-009	Antibiotic Medium A pH 6.6 (Eur. Pharm.)
226540	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
226810	Nitrate Broth	02-138	Nitrate Borth
227210	Urea Broth	02-202	Urea Broth Base
227540	Selenite Broth	02-598	Selenite Broth Base
228530	Brilliant green Agar	01-203	Brilliant Green Agar (BGA)
228950	GC MEDIUM BASE	01-310	GC Agar Base
230650	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
231121	TTC Solution 1%	06-023	TTC Sterile Solution 1%
231430	EC Medium	02-060	E. coli Broth
232100	Skim Milk	06-019	Skimmed Milk Powder
232681	Antimicrobial vial P	06-021	Polymyxin B Sulfate Selective Supplement
233472	Egg-Yolk Enrichment 50%	06-016	Sterile Egg Yolk Emulsion
234000	Nutrient Broth	02-144	Nutrient Broth (APHA)
235310	XLTA Agar Supplement	06-709	XLTA Agar Selective Supplement
236950	Tryptic Soy Agar (Soy Bean Casein Agar)	01-200	Tryptic Soy Agar (TSA)
240230	LB Broth, Lennox	02-406	LB Broth (Lennox)
241420	Luria Broth Base, Miller	02-384	LB Broth
241830	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
242010	Desoxycholate Lactose Agar	01-057	Deoxycholate Lactose Agar
242420	WL Nutrient Medium	01-210	WL Nutrient Agar
243100	Antibiotic Medium 19	01-434	Antibiotic Medium F (Eur. Pharm.)
243620	Bacto Soytone	07-155	Soy Peptone
244520	LB Agar, Miller	01-385	LB Agar (Miller)
244620	LB Broth, Miller	02-385	LB Broth (Miller)
244820	Pseudomonas Agar F	01-029	King B Agar (F Agar)
244910	Pseudomonas Agar P	01-001	King A Agar (P Agar)
246310	Antibiotic Medium 10	01-016	Antibiotic Medium B (Eur. Pharm.)

Culture Media for Microbiology

Cross references: **DIFCO** - SCHARLAU (numeric)

Art. No. DIFCO	Description DIFCO	Art. No. SCHARLAU	Description SCHARLAU
247940	Plate Count Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)
248610	GN broth, Haina	02-093	Gram Negative Broth (GN Broth)
249610	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)
254920	Potato Dextrose Broth	02-483	Potato Dextrose Broth
255320	Microbial content Test Agar	01-613	Microbial Content Test Agar
256120	Brain Heart Infusion porcine	02-599	Brain Heart Infusion Broth (BHI Broth)
256220	VJ Agar (Vogel Johnson Agar)	01-206	Vogel Johnson Agar (VJ Agar)
256620	EE Broth Mossel	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
258710	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)
259010	Eugon Broth	02-654	Eugon LT 100 Broth
259310	Antibiotic Medium 11	01-017	Antibiotic Medium A pH 7.9 (Eur. Pharm.)
261185	Indol Reagent	RE0007	Kovacs' Reagent
261193	VP Reagent B	RE0060	O'Meara's Reagent
261197	Nitrate A Reagent	06-003	Nitrates A Solution
261198	Nitrate B Reagent	06-004	Nitrates B Solution
263010	Lethen Broth Modified	02-237	Lethen Modified Broth
263110	Lethen Agar Modified	01-237	Lethen Modified Agar
263220	DNase Test Agar	01-346	DNase Agar
263620	PALCAM Medium Base	01-470	Palcam Agar Base
264210	Fluid Sabouraud Medium	02-165	Sabouraud Broth
264410	Tryptone water	03-156	Tryptone Water (Peptone Water)
265020	TCBS Agar	01-567	TCBS AGAR
265430	APT Agar	01-026	APT Agar
267720	m-FC Agar	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
268010	Lethen Agar	01-236	Lethen Agar
268110	Lethen Broth	02-236	Lethen Broth
268620	D/E Neutralizing Agar	01-610	D/E Neutralizing Agar
268740	Selenite Cystine Broth	02-602	Selenite Cystine Broth Base
268820	O/F Basal Medium	03-037	Oxidation-Fermentation Fluid Medium Base (O/F Medium)
269620	Blood Agar Base N.2	01-505	Blood Agar Base No. 2
271210	YM Agar	01-219	Yeast Malt Agar
273520	MIO Medium	03-422	Motility Indol Ornithine Fluid Medium (MIO)
274000	Brilliant green Bile Broth 2%	02-041	Brilliant Green Bile 2% Broth
274210	Acetate Differential Agar	01-665	Acetate Differential Agar
274500	SALMONELLA SHIGELLA AGAR	01-555	Salmonella-Shigella Agar (SS Agar)
274520	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)
274620	m-ENTEROCOCCUS AGAR	01-579	Slanetz Bartley Agar Base
275730	Mueller Hinton Broth (not Cation-Adjusted)	02-136	Mueller-Hinton Broth
276840	Baird Parker Agar Base	01-030	Baird Parker Agar Base
278850	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar)
279100	MacConkey Sorbitol Agar	01-729	MacConkey Sorbitol Agar
279240	Columbia Blood Agar Base	01-034	Blood Agar Base (Columbia)
281010	MYP Agar	01-262	Bacillus cereus Agar
281110	SFP Agar Base	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
281910	D/E Neutralizing Broth	02-610	D/E Neutralizing Broth
284530	SPS Agar	01-050	Clostridium Perfringens, Selective Agar (SPS Agar)
284920	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
285340	HEKTOEN Enteric Agar	01-216	Hektoen Enteric Agar
285420	Cetrimide Agar Base	01-160	Cetrimide Agar (Pseudomonas Selective Agar)
286220	Tryptic Soy Broth w/o Dextrose	02-227	Tryptic Soy Broth without Dextrose
288130	Lactobacilli MRS Broth	02-135	MRS Broth
288210	Lactobacilli MRS Agar	01-135	MRS Agar
214891	Campylobacter Antimicrobial Supplement Skirrow	06-132	Campylobacter Skirrow Selective Supplement
218172	Yersinia Selective Agar	01-144	Nutrient Agar (APHA)
231961	Yersinia Antimicrobial Supplement CN	06-143	Yersinia Selective Supplement
249240	Bacto Todd Hewitt Broth	02-191	Todd-Hewitt Broth
271120	YM Broth	02-219	Yeast Malt Broth

Culture Media for Microbiology

Cross references: **BBL** - SCHARLAU (alphabetical)

Art. No. BBL	Description BBL	Art. No. SCHARLAU	Description SCHARLAU
212304	Agar grade A	07-004	Agar Bacteriological
210912	AK Agar # 2	01-069	Spoulating Agar (USP Antibiotic Medium 32)
210986	Antibiotic Medium 13	02-165	Sabouraud Broth
212303	Beef Extract powder	07-515	Beef Extract
211027	BiGGY Agar	01-137	Nickerson Agar (Biggy Agar)
299068	Bile Esculin Agar	01-265	Bile Esculin Modified Agar
211037	Blood Agar Base (Infusion Agar)	01-352	Blood Agar Base
211065	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
211059	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth (BHI Broth)
212367	Buffered peptone Water	02-568	Peptone Water Phosphate-Buffered
211102	Cary & Blair Transport Medium	03-643	Cary-Blair Transport Medium
212309	CIN Agar (Yersinia Selective Agar)	01-144	Nutrient Agar (APHA)
212218	CLED Agar	01-047	CLED Agar
211124	Columbia Agar Base	01-034	Blood Agar Base (Columbia)
212104	Columbia CNA Agar	01-703	Columbia CNA Agar Base
212330	Dermatophyte Test medium Base	01-442	Dermatophyte Selective Agar
211179	DNase Test Agar	01-346	DNASE Agar
297005	EE Broth Mossel Enrichment	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
211199	Endo Agar	01-589	Endo Agar Base
212205	Enterococcosel	01-592	Bile Esculin Azide Agar
211221	Eosine Methylene Blue Agar , LEVINE	01-068	Eosin Methylene Blue Agar (EMB Agar)
211260	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium
211287	m-Green Yeast & Mold Broth	02-633	m-Green Broth
212211	HEKTOEN Enteric Agar	01-216	Hektoen Enteric Agar
211317	KLIGLER Iron Agar	01-103	Kligler Iron Agar (KIA)
211333	Lactose Broth	02-105	Lactose Broth
211338	Lauryl Sulfate Broth	02-108	Tryptose Lauryl sulfate Broth
211363	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
211387	MacCONKEY Agar	01-118	MacConkey Agar
299769	MacConkey II Agar w. Sorbitol	01-729	MacConkey Sorbitol Agar
211407	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
296309	Motility Nitrate (MN) Medium	03-454	Stuart Ringertz Transport Medium
211438	Mueller Hinton II Agar	01-136	Mueller-Hinton Agar
211443	Mueller Hinton Broth	02-136	Mueller-Hinton Broth
211486	Orange Serum Agar	01-698	Orange Serum Agar
211506	Phenol-Red Broth Base	02-032	Phenol Red Broth Base
211537	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)
211906	Phytone peptone	07-155	Soy Peptone
211558	Purple Broth Base	02-663	Purple Broth Base
211584	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
211597	SALMONELLA SHIGELLA AGAR	01-555	Salmonella-Shigella Agar (SS Agar)
211578	SIM Medium	03-176	SIM Medium
211620	SIMMONS Citrate Agar	01-177	Simmons Citrate Medium
211638	Standard Methods Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)
211651	Sterility Test Broth	02-186	Thioglycollate Broth
296004	Tech Agar	01-001	King A Agar (P Agar)
211917	Tellurite Solution 1%	06-089	Potassium Tellurite Sterile Solution 1%
211736	Todd hewitt Broth	02-191	Todd-Hewitt Broth
211921	Trypticase peptone	07-119	Tryptone - Casein Tryptic Peptone
211921	Trypticase peptone	07-489	Tryptone - Peptone from Casein acc. to USP specifications
211043	Trypticase Soy Agar (Soy bean casein Digest Agar)	01-200	Tryptic Soy Agar (TSA)
211764	Trypticase Soy Agar w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar
211768	Trypticase Soy Broth	02-200	Tryptic Soy Broth (TSB)
296264	TRYPTICASE SOY BROTH, STERILE	02-575	Tryptic Soy Broth Irradiated
211749	TSI Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
211690	TSN Agar	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)
211795	Urea Agar Base	01-261	Urea Agar Base
211838	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar)
211929	Yeast Extract	07-079	Yeast Extract

Culture Media for Microbiology

Cross references: **BBL** - SCHARLAU (numeric)

Art. No. BBL	Description BBL	Art. No. SCHARLAU	Description SCHARLAU
210912	AK Agar # 2	01-069	Spoulating Agar (USP Antibiotic Medium 32)
210986	Antibiotic Medium 13	02-165	Sabouraud Broth
211027	BiGGY Agar	01-137	Nickerson Agar (Biggy Agar)
211037	Blood Agar Base (Infusion Agar)	01-352	Blood Agar Base
211043	Trypticase Soy Agar (Soy bean casein Digest Agar)	01-200	Tryptic Soy Agar (TSA)
211059	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth (BHI Broth)
211065	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
211102	Cary & Blair Transport Medium	03-643	Cary-Blair Transport Medium
211124	Columbia Agar Base	01-034	Blood Agar Base (Columbia)
211179	DNase Test Agar	01-346	DNASE Agar
211199	Endo Agar	01-589	Endo Agar Base
211221	Eosine Methylene Blue Agar , LEVINE	01-068	Eosin Methylene Blue Agar (EMB Agar)
211260	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium
211287	m- Green Yeast & Mold Broth	02-633	m-Green Broth
211317	KLIGLER Iron Agar	01-103	Kligler Iron Agar (KIA)
211333	Lactose Broth	02-105	Lactose Broth
211338	Lauryl Sulfate Broth	02-108	Tryptose Lauryl sulfate Broth
211363	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
211387	MacCONKEY Agar	01-118	MacConkey Agar
211407	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
211438	Mueller Hinton II Agar	01-136	Mueller-Hinton Agar
211443	Mueller Hinton Broth	02-136	Mueller-Hinton Broth
211486	Orange Serum Agar	01-698	Orange Serum Agar
211506	Phenol-Red Broth Base	02-032	Phenol Red Broth Base
211537	Phenylalanine Agar	01-083	Phenylalanine Agar (PPA)
211558	Purple Broth Base	02-663	Purple Broth Base
211578	SIM Medium	03-176	SIM Medium
211584	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
211597	SALMONELLA SHIGELLA AGAR	01-555	Salmonella-Shigella Agar (SS Agar)
211620	SIMMONS Citrate Agar	01-177	Simmons Citrate Medium
211638	Standard Methods Agar (Tryptone Glucose Yeast Agar)	01-161	Plate Count Agar (PCA)
211651	Sterility Test Broth	02-186	Thioglycollate Broth
211690	TSN Agar	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)
211736	Todd Hewitt Broth	02-191	Todd-Hewitt Broth
211749	TSI Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
211764	Trypticase Soy Agar w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar
211768	Trypticase Soy Broth	02-200	Tryptic Soy Broth (TSB)
211795	Urea Agar Base	01-261	Urea Agar Base
211838	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar)
211906	Phytone peptone	07-155	Soy Peptone
211917	Tellurite Solution 1%	06-089	Potassium Tellurite Sterile Solution 1%
211921	Trypticase peptone	07-119	Tryptone - Casein Trypsic Peptone
211921	Trypticase peptone	07-489	Tryptone - Peptone from Casein acc. to USP specifications
211929	Yeast Extract	07-079	Yeast Extract
212104	Columbia CNA Agar	01-703	Columbia CNA Agar Base
212205	Enterococcosel	01-592	Bile Esculin Azide Agar
212211	HEKTOEN Eneteric Agar	01-216	Hektoen Enteric Agar
212218	CLED Agar	01-047	CLED Agar
212303	Beef Extract powder	07-515	Beef Extract
212304	Agar grade A	07-004	Agar Bacteriological
212309	CIN Agar (Yersinia Selective Agar)	01-144	Nutrient Agar (APHA)
212330	Dermatophyte Test medium Base	01-442	Dermatophyte Selective Agar
212367	Buffered peptone Water	02-568	Peptone Water Phosphate-Buffered
296004	Tech Agar	01-001	King A Agar (P Agar)
296264	TRYPTICASE SOY BROTH, STERILE	02-575	Tryptic Soy Broth Irradiated
296309	Motility Nitrate (MN) Medium	03-454	Stuart Ringertz Transport Medium
297005	EE Broth Mossel Enrichment	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
299068	Bile Esculin Agar	01-265	Bile Esculin Modified Agar
299769	MacConkey II Agar w. Sorbitol	01-729	MacConkey Sorbitol Agar

Culture Media for Microbiology

Cross-references: **MERCK** - SCHARLAU (alphabetical)

Art. No. MERCK	Description MERCK	Art. No. SCHARLAU	Description SCHARLAU
1.01614	Agar agar granulated	07-490	Agar-Agar
1.01800	Alkaline peptone water	02-468	Alkaline Peptone Water
1.05272	Antibiotic Agar n. 1	01-009	Antibiotic Medium A pH 6.6 (Eur. Pharm.)
1.05269	Antibiotic Agar n. 11	01-017	Antibiotic Medium A pH 7.9 (Eur. Pharm.)
1.05273	Antibiotic Broth (Medium No. 3)	02-011	Antibiotic Medium C (Eur. Pharm.)
1.10453	APT Agar	01-026	APT Agar
1.01590	Azide Dextrose Broth	02-027	Azide Dextrose Broth (Rothe)
1.09875	Bacillus cereus Selective Supplement (Polimixine B 50000u)	06-021	Polymyxin B Sulfate Selective Supplement
1.05406	Baird Parker Agar	01-030	Baird Parker Agar Base
1.07994	BAT medium	01-675	BAT Agar
1.00072	Bile Aesculin Azide Agar	01-265	Bile Esculin Modified Agar
1.00072	Bile Aesculin Azide Agar	01-592	Bile Esculin Azide Agar
1.04054	Bile salt mixture for microbiology	07-525	Bile Salts No.3
1.10886	Blood Agar Base	01-352	Blood Agar Base
1.10328	Blood Agar Base N.2	01-505	Blood Agar Base No. 2
1.00079	Bolton Broth Selective supplement	06-131	Campylobacter Bolton Selective Supplement
1.00068	Bolton Selective Enrichment Broth	02-688	Bolton Enrichment Broth Base
1.10747	BPLS Agar, mod	01-309	Brilliant Green Modified Agar (BGA Modified)
1.07232	BPLS Agar (USP) (Brilliant green Phenol red Lactose Sucrose Agar)	01-203	Brilliant Green Agar (BGA)
1.13825	Brain Heart Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
1.10493	Brain Heart Broth	02-599	Brain Heart Infusion Broth (BHI Broth)
1.05454	Brilliant-green-2%-Bile Broth	02-041	Brilliant Green Bile 2% Broth
1.01638	BROLACIN Agar (CLED Agar)	01-047	CLED Agar
1.07228	Buffered Peptone Water	02-277	Buffered Peptone Water
1.00070	Campylobacter Blood-Free Selective Agar (modified CCDA)	01-685	Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base
1.02249	Campylobacter Supplement Skirrow	06-139	Novobiocin Selective Supplement (10 mg)
1.10456	Candida Selective Agar acc. to Nickerson	01-137	Nickerson Agar (Biggy Agar)
1.02245	Caseinhydrolysate (acid hydrolyzed)	07-151	Casein Acid Hydrolysate
1.00071	CCDA Selective supplement	06-133	Campylobacter CCDA Selective Supplement
1.10426	Chromocult Coliform Agar	01-695	Chromogenic Coliform Agar
1.00427	Chromocult Listeria Agar	01-719	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti
1.00439	Chromocult Listeria Enrichment Supplement	06-754	Microinstant Listeria Enrichment Supplement
1.00432	Chromocult Listeria Selective Supplement	06-755	Microinstant Listeria Selective Supplement
1.16122	Chromocult TBX (tryptone Bile X-glucuronide) Agar	01-619	Tryptone Bile Glucuronic Agar (TBX Agar)
1.10455	Columbia Agar Base	01-034	Blood Agar Base (Columbia)
1.02894	Deoxycholate Lactose Agar	01-057	Deoxycholate Lactose Agar
1.08960	Dermatophyte selective Agar (DTM) acc. To Taplin	01-442	Dermatophyte Selective Agar
1.10860	Dextrose Tryptone Agar	01-556	Dextrose Tryptone Purple Bromocresol Agar
1.00465	Dichloran Glycerol (DG18) Agar	01-485	Dichloran Glycerin Selective Agar (DG18 Agar)
1.00466	Dichloran Rose Bengal Chloramphenicol (DRBC) Agar	01-657	Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)
1.10449	DNase Test Agar	01-346	DNASE Agar
1.00898	E. coli/Coliform Selective Supplement	06-140	Coliform CV Selective Supplement
1.10765	EC Broth	02-060	E. coli Broth
1.03784	Egg-Yolk Emulsion Sterile	06-016	Sterile Egg Yolk Emulsion
1037850	Egg-Yolk Tellurite Emulsion 20% Steril	06-026	Egg's Yolk Tellurite Sterile Emulsion
1.04044	Endo Agar	01-589	Endo Agar Base
1.05394	Enterobacteriaceae Enrichment Broth acc. Mossel	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
1.05289	mf-Enterococcus Selective Agar Base acc. to SLANETZ BARTLEY	01-579	Slanetz Bartley Agar Base
1.08191	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium
1.16761	Fluid Thioglycollate Medium G	03-187	Thioglycollate Fluid Medium
1.10398	Fraser Listeria Selective Enrichment broth Base	02-496	Listeria Enrichment Broth Base (Fraser)
1.10675	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth
1.10756	GN Enrichment Broth acc. To HAJNA	02-093	Gram Negative Broth (GN Broth)
1.11885	Gram stainig set	RE0100	Barrit's Reagent
1.11885	Gram stainig set	VI0027	Crystal Violet Dye Solution
1.11885	Gram stainig set	LU0010	Lugol Solution
1.11885	Gram stainig set	DE0010	Decolouriser For Gram Staining
1.11885	Gram stainig set	DE0010	Safranin Dye Solution (for Gram Staining)
1.09023	Griess-ilosvay's Reagent	06-003	Nitrates A Solution
1.09023	Griess-ilosvay's Reagent	06-004	Nitrates B Solution
1.11681	HEKTOEN Enteric Agar	01-216	Hektoen Enteric Agar
1.05222	Kanamycin Esculine Azide Agar	01-263	Kanamycin Esculin Azide Agar (KAA Agar)
1.10707	KF Streptococcus Agar Base	01-294	Kenner Fecal Agar (KF Agar)
1.03913	KLIGLER Agar	01-103	Kligler Iron Agar (KIA)
1.09293	Kovacs Indol Reagent	RE0007	Kovacs' Reagent
1.12523	Lactalbumin hydrolysisate	07-455	Lactalbumin Hydrolysate
1.07680	Lactosa TTC Agar With TERGITOL R 7	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
1.07661	Lactose Broth	02-105	Lactose Broth
1.10266	Lauryl Sulfate Broth	02-108	Tryptose Lauryl sulfate Broth
1.10283	LB-Agar (Miller)	01-385	LB Agar (Miller)
1.10285	LB-Broth (Miller)	02-385	LB Broth (Miller)
1.10240	Legionella BCYE Growth Supplement	06-137	Legionella BCYE Growth Supplement
1.10242	Legionella CYE Agar	01-687	Legionella BCYE Agar Base

Culture Media for Microbiology

Cross-references: **MERCK** - SCHARLAU (alphabetical)

Art. No. MERCK	Description MERCK	Art. No. SCHARLAU	Description SCHARLAU
1.10241	Legionella GVPC Selective Supplement	06-137	Legionella GVPC Selective Supplement
1.10404	Lethen Agar Base Modified	01-237	Lethen Modified Agar
1.10405	Lethen Broth Modified	02-237	Lethen Modified Broth
1.01342	Levine EMB Agar	01-068	Eosin Methylene Blue Agar (EMB Agar)
1.10549	Listeria Enrichment Broth (LEB) acc. To FDA/IDF-FIL	02-498	Listeria Enrichment Broth Base (Lovett)
1.11781	Listeria selective Enrichment Supplement acc. To FDA / BAM	06-107	Listeria Selective Supplement for Enrichment acc. to FDA/IDF
1.11640	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
1.05465	MacCONKEY Agar	01-118	MacConkey Agar
1.05396	MaCConkey Broth	02-118	MacConkey Broth
1.05396	MaCConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)
1.05391	Malt extract	07-080	Malt Extract
1.05398	Malt Extract Agar	01-573	Malt Extract Agar No. 2
1.05397	Malt Extract Broth	02-491	Malt Extract Broth No. 2
1.05404	Mannitol Salt Phenol Red Agar	01-116	Mannitol Salt Agar (Chapman Agar)
1.12535	Maximum recovery Diluent	02-510	Maximum Recovery Diluent (MRD)
1.03979	Meat extract	07-075	Meat Extract
1.05712	MR VP Broth	02-207	Methyl Red Voges Proskauer Broth (MRVP)
1.10660	MRS Agar	01-135	MRS Agar
1.10661	MRS Broth	02-135	MRS Broth
1.09878	MSRV Medium, Base Modified	03-376	Rappaport Vassiliadis Modified Semi-solid Medium Base
1.10293	Mueller Hinton Broth	02-136	Mueller-Hinton Broth
1.05435	Mueller-Hinton Agar acc. to NCCLS	01-136	Mueller-Hinton Agar
1.05878	Müller Kauffmann tetrathionate-Novobiocin Broth (MKTn)	02-335	Müller-Kauffmann Tetrathionate Broth Base
1.05267	MYP Agar	01-262	Bacillus cereus Agar
1.05450	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA)
1.05443	Nutrient Broth	02-144	Nutrient Broth (APHA)
1.10282	O/F Basal Medium acc. To Hugh & Leifson	03-037	Oxidation-Fermentation Fluid Medium Base (O/F Medium)
1.09877	OGYE Selective Supplement	06-114	Disodium Disulfite (Meta-Bisulfite Sodium)
1.10673	Orange Serum Agar	01-698	Orange Serum Agar
1.03756	Ox bile dried	07-039	Bile
1.07004	Oxford Listeria Selective Agar Base	01-471	Oxford Agar Base
1.07006	Oxford Listeria Selective Supplement	06-109	Oxford Agar Selective Supplement
1.05978	Oxytetracyclin Glucose Yeast Extract Agar (O.G.Y.E Agar)	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
1.11755	Palcam Listeria Selective Agar Base acc. to Van Netten	01-470	Palcam Agar Base
1.12122	Palcam Listeria Selective Supplement acc. to Van Netten	06-110	Palcam Agar Selective Supplement
1.07213	Peptone from casein, pancreatic	07-154	Tryptone - Casein Pancreatic Peptone
1.02239	Peptone from caseine (Tryptone)	07-119	Tryptone - Casein Trypsin Peptone
1.02239	Peptone from caseine (Tryptone)	07-489	Tryptone - Peptone from Casein acc. to USP specifications
1.07284	Peptone from Gelatin (pancreatic)	07-153	Gelatin Pancreatic Peptone
1.07224	Peptone from meat (peptic), granulated	07-152	Meat Peptone
1.07212	Peptone from Soyameal (papainic), granulated	07-155	Soy Peptone
1.10987	Phenol-Red Broth Base	02-032	Phenol Red Broth Base
1.05463	Plate Count Agar (Casein Peptone Dextrose Yeast Agar)	01-161	Plate Count Agar (PCA)
1.15338	Plate Count Skim Milk Agar	01-412	Plate Count Skim Milk Agar
1.10130	Potato Dextrose Agar	01-483	Potato Dextrose Agar
1.07229	Proteose peptone	07-625	Proteose Peptone No. 3
1.10989	Pseudomonas Agar F Base	01-029	King B Agar (F Agar)
1.10988	Pseudomonas Agar P Base	01-001	King A Agar (P Agar)
1.07620	Pseudomonas Selective Agar Base	01-728	Pseudomonas Agar Base
1.05284	Pseudomonas Selective Agar Base (Cetrimide Agar)	01-160	Cetrimide Agar (Pseudomonas Selective Agar)
1.00416	R2A Agar	01-540	R2A Agar
1.07700	Rappaport Vassiliadis Broth	02-379	Rappaport Vassiliadis Broth
1.07700	Rappaport Vassiliadis Broth	02-668	Rappaport Vassiliadis Salmonella Enrichment Broth
1.05410	Reinforced Clostridial Agar	01-289	Reinforced Clostridial Agar
1.05411	Reinforced Clostridial Medium (RCM)	03-289	Reinforced Clostridial Medium
1.00467	Rose Bengal Chloramphenicol (RBC) Agar	01-301	Rose Bengal Agar
1.08339	Sabouraud 2% Dextrose Broth	02-165	Sabouraud Broth
1.05438	Sabouraud 4% Dextrose Agar	01-165	Sabouraud Dextrose Agar
1.07667	Salmonella-Shigella Agar	01-555	Salmonella-Shigella Agar (SS Agar)
1.07709	Selenite Cystine Broth	02-602	Selenite Cystine Broth Base
1.07717	Selenite Enrichment Broth Leifson	02-598	Selenite Broth Base
1.05470	SIM Medium	03-176	SIM Medium
1.02501	Simmons Citrate Agar	01-177	Simmons Citrate Medium
1.15363	Skim Milk Powder	06-019	Skimmed Milk Powder
1.10582	Sodium Chloride peptone Broth Buffered	02-494	Buffered Peptone Water (Eur. Pharm.)
1.06504	Sodium Deoxycholate for microbiology	07-644	Sodium Deoxycholate
1.0634	Sodium hydrogen selenite	06-607	Basic Fuchsin (250) Selective Supplement
1.09207	Sorbitol MacConkey (SMAC) Agar	01-729	MacConkey Sorbitol Agar
1.10235	SPS Agar	01-050	Clostridium Perfringens, Selective Agar (SPS Agar)
1.01621	Standard Count Agar	01-635	Nutrient Agar (ISO)
1.11723	TAT Broth Base	02-539	Casein Lecithin Polysorbate Broth Base
1.05178	TBG-Broth modified	02-629	Tetrathionate Bile Brilliant Green Broth Base (Eur. Pharm.)
1.10263	TCBS Agar (Vibrio Selective Agar)	01-567	TCBS Agar

Culture Media for Microbiology

Cross-references: **MERCK** - SCHARLAU (alphabetical)

Art. No. MERCK	Description MERCK	Art. No. SCHARLAU	Description SCHARLAU
1.10128	TGE Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
1.08190	Thioglycollate Broth	02-186	Thioglycollate Broth
1.08100	Thioglycollate Broth	02-186	Thioglycollate Broth
1.03915	Triple Sugar Iron Agar (TSI Agar)	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
1.07324	Tryptic Soy Agar (CASO) w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar
1.05458	Tryptic Soy Agar (TSA) (CASO Agar)	01-200	Tryptic Soy Agar (TSA)
1.05459	Tryptic Soy Broth (CASO Broth)	02-200	Tryptic Soy Broth (TSB)
1.10859	Tryptone Water	03-156	Tryptone Water (Peptone Water)
1.10213	Tryptose	07-197	Tryptose
1.11972	TSC Agar	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
1.05264	TSN Agar (Perfringens Selective Agar acc. to Marshall)	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)
1.08492	Urea Agar Base acc. CHRISTENSEN	01-261	Urea Agar Base
1.08483	Urea Broth	02-202	Urea Broth Base
1.05405	Vogel-Johnson Agar Base	01-206	Vogel Johnson Agar (VJ Agar)
1.01406	VRB Agar (violet Red Bile Agar)	01-164	Violet Red Bile Agar (VRB Agar)
1.10275	VRBD (Violet Red Bile Dextrose) agar acc. to Mossel	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)
1.10866	WL Nutrient Agar	01-210	WL Nutrient Agar
1.05448	Wort Agar	01-132	Wort Agar
1.05449	Wort Broth Base	02-132	Wort Broth
1.05287	XLD (Xylose Lysine Deoxycholate) Agar	01-552	Xylose Lysine Deoxycholate Modified Agar
1.05287	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar)
1.13919	XLT4 Agar	01-708	XLT4 Agar
1.08981	XLT4 Agar Supplement 4.6mL	06-709	XLT4 Agar Selective Supplement
1.03753	Yeast extract, granulated	07-079	Yeast Extract
1.16434	Yersinia Selective agar acc. to Schiemann (CIN-Agar)	01-144	Nutrient Agar (APHA)
1.16466	Yersinia Selective Supplement (CIN)	06-143	Yersinia Selective Supplement
1.16000	YGC Agar (Yeast Extract Glucose Chloramphenicol Agar FIL-IDF)	01-366	Chloramphenicol Glucose Agar (CGA)

Culture Media for Microbiology

Cross-references: **MERCK** - SCHARLAU (numeric)

Art. No. MERCK	Description MERCK	Art. No. SCHARLAU	Description SCHARLAU
1.00068	Bolton Selective Enrichment Broth	02-688	Bolton Enrichment Broth Base
1.00070	Campylobacter Blood-Free Selective Agar (modified CCDA)	01-685	Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base
1.00071	CCDA Selective supplement	06-133	Campylobacter CCDA Selective Supplement
1.00072	Bile Aesculin Azide Agar	01-265	Bile Esculin Modified Agar
1.00072	Bile Aesculin Azide Agar	01-592	Bile Esculin Azide Agar
1.00079	Bolton Broth Selective supplement	06-131	Campylobacter Bolton Selective Supplement
1.00416	R2A Agar	01-540	R2A Agar
1.00427	Chromocult Listeria Agar	01-719	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti
1.00432	Chromocult Listeria Selective Supplement	06-755	Microinstant Listeria Selective Supplement
1.00439	Chromocult Listeria Enrichment Supplement	06-754	Microinstant Listeria Enrichment Supplement
1.00465	Dichloran Glycerol (DG18) Agar	01-485	Dichloran Glycerin Selective Agar (DG18 Agar)
1.00466	Dichloran Rose Bengal Chloramphenicol (DRBC) Agar	01-657	Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)
1.00467	Rose Bengal Chloramphenicol (RBC) Agar	01-301	Rose Bengal Agar
1.00898	E. coli/Coliform Selective Supplement	06-140	Coliform CV Selective Supplement
1.01342	LEVINE EMB Agar	01-068	Eosin Methylene Blue Agar (EMB Agar)
1.01406	VRB Agar (violet Red Bile Agar)	01-164	Violet Red Bile Agar (VRB Agar)
1.01590	Azide Dextrose Broth	02-027	Azide Dextrose Broth (Rothe)
1.01614	Agar agar granulated	07-490	Agar-Agar
1.01621	Standard Count Agar	01-635	Nutrient Agar (ISO)
1.01800	Alkaline peptone water	02-468	Alkaline Peptone Water
1.02239	Peptone from caseine (Tryptone)	07-119	Tryptone - Casein Tryptic Peptone
1.02239	Peptone from caseine (Tryptone)	07-489	Tryptone - Peptone from Casein acc. to USP specifications
1.02245	Caseinhydrolysate (acid hydrolyzed)	07-151	Casein Acid Hydrolysate
1.02249	Campylobacter Supplement Skirrow	06-139	Novobiocin Selective Supplement (10 mg)
1.02501	Simmons Citrate Agar	01-177	Simmons Citrate Medium
1.02894	Deoxycholate Lactose Agar	01-057	Deoxycholate Lactose Agar
1.03753	Yeast extract, granulated	07-079	Yeast Extract
1.03756	Ox bile dried	07-039	Bile
1.03784	Egg-Yolk Emulsion Sterile	06-016	Sterile Egg Yolk Emulsion
1.03913	KLIGLER Agar	01-103	Kligler Iron Agar (KIA)
1.03915	Triple Sugar Iron Agar (TSI Agar)	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
1.03979	Meat extract	07-075	Meat Extract
1.04044	Endo Agar	01-589	Endo Agar Base
1.04054	Bile salt mixture for microbiology	07-525	Bile Salts No.3
1.05178	TBG-Broth modified	02-629	Tetrasodium Bile Brilliant Green Broth Base (Eur. Pharm.)
1.05222	Kanamycin Esculine Azide Agar	01-263	Kanamycin Esculin Azide Agar (KAA Agar)
1.05264	TSN Agar (Perfringens Selective Agar acc. to Marshall)	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)
1.05267	MYP Agar	01-262	Bacillus cereus Agar
1.05269	Antibiotic Agar n. 11	01-017	Antibiotic Medium A pH 7.9 (Eur. Pharm.)
1.05272	Antibiotic Agar n. 1	01-009	Antibiotic Medium A pH 6.6 (Eur. Pharm.)
1.05273	Antibiotic Broth (Medium No. 3)	02-011	Antibiotic Medium C (Eur. Pharm.)
1.05284	Pseudomonas Selective Agar Base (Cetrimide Agar)	01-160	Cetrimide Agar (Pseudomonas Selective Agar)
1.05287	XLD (Xylose Lysine Deoxycholate) Agar	01-552	Xylose Lysine Deoxycholate Modified Agar
1.05287	XLD Agar	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar)
1.05289	mf-Enterococcus Selective Agar Base acc. to SLANETZ BARTLEY	01-579	Slanetz Bartley Agar Base
1.05391	Malt extract	07-080	Malt Extract
1.05394	Enterobacteriaceae Enrichment Broth acc. Mosse	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
1.05396	MacConkey Broth	02-118	MacConkey Broth
1.05396	MacConkey Broth	02-611	MacConkey Broth (Eur. Pharm.)
1.05397	Malt Extract Broth	02-491	Malt Extract Broth No. 2
1.05398	Malt Extract Agar	01-573	Malt Extract Agar No. 2
1.05404	Mannitol Salt Phenol Red Agar	01-116	Mannitol Salt Agar (Chapman Agar)
1.05405	VOGEL-JOHNSON Agar Base	01-206	Vogel Johnson Agar (VJ Agar)
1.05406	Baird Parker Agar	01-030	Baird Parker Agar Base
1.05410	Reinforced Clostridial Agar	01-289	Reinforced Clostridial Agar
1.05411	Reinforced Clostridial Medium (RCM)	03-289	Reinforced Clostridial Medium
1.05435	Mueller-Hinton Agar acc. to NCCLS	01-136	Mueller-Hinton Agar
1.05438	Sabouraud 4% Dextrose Agar	01-165	Sabouraud Dextrose Agar
1.05443	Nutrient Broth	02-144	Nutrient Broth (APHA)
1.05448	Wort Agar	01-132	Wort Agar
1.05449	Wort Broth Base	02-132	Wort Broth
1.05450	Nutrient Agar (APHA)	01-144	Nutrient Agar (APHA)
1.05454	Brilliant-green-2%-Bile Broth	02-041	Brilliant Green Bile 2% Broth
1.05458	Tryptic Soy Agar (TSA) (CASO Agar)	01-200	Tryptic Soy Agar (TSA)
1.05459	Tryptic Soy Broth (CASO Broth)	02-200	Tryptic Soy Broth (TSB)
1.05463	Plate Count Agar (Casein Peptone Dextrose Yeast Agar)	01-161	Plate Count Agar (PCA)
1.05465	MacCONKEY Agar	01-118	MacConkey Agar
1.05470	SIM Medium	03-176	SIM Medium
1.05712	MR VP Broth	02-207	Methyl Red Voges Proskauer Broth (MRVP)
1.05878	Müller Kauffmann tetrathionate-Novobiocin Broth (MKTn)	02-335	Müller-Kauffmann Tetrathionate Broth Base
1.05978	Oxytetracycline Glucose Yeast Extract Agar (O.G.Y.E Agar)	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
1.0634	Sodium hydrogen selenite	06-607	Basic Fuchsin (250) Selective Supplement
1.06504	Sodium Deoxycholate for microbiology	07-644	Sodium Deoxycholate

Culture Media for Microbiology

Cross-references: **MERCK** - SCHARLAU (numeric)

Art. No. MERCK	Description MERCK	Art. No. SCHARLAU	Description SCHARLAU
1.07004	Oxford Listeria Selective Agar Base	01-471	Oxford Agar Base
1.07006	Oxford Listeria Selective Supplement	06-109	Oxford Agar Selective Supplement
1.07212	Peptone from Soyameal (papainic), granulated	07-155	Soy Peptone
1.07213	Peptone from casein, pancreatic	07-154	Tryptone - Casein Pancreatic Peptone
1.07224	Peptone from meat (peptic), granulated	07-152	Meat Peptone
1.07228	Buffered Peptone Water	02-277	Buffered Peptone Water
1.07229	Proteose peptone	07-625	Proteose Peptone No. 3
1.07232	BPLS Agar (USP) (Brilliant green Phenol red Lactose Sucrose Agar)	01-203	Brilliant Green Agar (BGA)
1.07284	Peptone from Gelatin (pancreatic)	07-153	Gelatin Pancreatic Peptone
1.07324	Tryptic Soy Agar (CASO) w. Polysorbate 80 and Lecithin	01-613	Microbial Content Test Agar
1.07620	Pseudomonas Selective Agar Base	01-609	CN Selective Agar Base
1.07661	Lactose Broth	02-105	Lactose Broth
1.07667	Salmonella-Shigella Agar	01-555	Salmonella-Shigella Agar (SS Agar)
1.07680	Lactosa TTC Agar With TERGITOL R 7	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
1.07700	Rappaport Vassiliadis Broth	02-379	Rappaport Vassiliadis Broth
1.07700	Rappaport Vassiliadis Broth	02-668	Rappaport Vassiliadis Salmonella Enrichment Broth
1.07709	Selenite Cystine Broth	02-602	Selenite Cystine Broth Base
1.07717	Selenite Enrichment Broth LEIFSON	02-598	Selenite Broth Base
1.07994	BAT medium	01-675	BAT Agar
1.08100	Thioglycollate Broth	02-186	Thioglycollate Broth
1.08190	Thioglycollate Broth	02-186	Thioglycollate Broth
1.08191	Fluid Thioglycollate Medium	03-187	Thioglycollate Fluid Medium
1.08339	Sabouraud 2% Dextrose Broth	02-165	Sabouraud Broth
1.08483	Urea Broth	02-202	Urea Broth Base
1.08492	Urea Agar Base acc. CHRISTENSEN	01-261	Urea Agar Base
1.08960	Dermatophyte selective Agar (DTM) acc. To Taplin	01-442	Dermatophyte Selective Agar
1.08981	XLTA Agar Supplement 4.6mL	06-709	XLTA Agar Selective Supplement
1.09023	Griess-ilosvay's Reagent	06-003	Nitrates A Solution
1.09023	Griess-ilosvay's Reagent	06-004	Nitrates B Solution
1.09207	Sorbitol MacConkey (SMAC) Agar	01-729	MacConkey Sorbitol Agar
1.09293	Kovacs Indol Reagent	RE0007	Kovacs' Reagent
1.09875	Bacillus cereus Selective Supplement (Polimixine B 50000u)	06-021	Polymyxin B Sulfate Selective Supplement
1.09877	OGYE Selective Supplement	06-114	Disodium Disulfite (Meta-Bisulfite Sodium)
1.09878	MSRV Medium, Base Modified	03-376	Rappaport Vassiliadis Modified Semi-solid Medium Base
1.10128	TGE Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
1.10130	Potato Dextrose Agar	01-483	Potato Dextrose Agar
1.10213	Tryptose	07-197	Tryptose
1.10235	SPS Agar	01-050	Clostridium Perfringens, Selective Agar (SPS Agar)
1.10240	Legionella BCYE Growth Supplement	06-137	Legionella BCYE Growth Supplement
1.10241	Legionella GVPC Selective Supplement	06-137	Legionella GVPC Selective Supplement
1.10242	Legionella CYE Agar	01-687	Legionella BCYE Agar Base
1.10263	TCBS Agar (Vibrio Selective Agar)	01-567	TCBS Agar
1.10266	Lauryl Sulfate Broth	02-108	Tryptose Lauryl sulfate Broth
1.10275	VRBD (Violet Red Bile Dextrose) agar acc. to Mossel	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)
1.10282	O/F Basal Medium acc. To Hugh & Lefson	03-037	Oxidation-Fermentation Fluid Medium Base (O/F Medium)
1.10283	LB-Agar (Miller)	01-385	LB Agar (Miller)
1.10285	LB-Broth (Miller)	02-385	LB Broth (Miller)
1.10293	Mueller Hinton Broth	02-136	Mueller-Hinton Broth
1.10328	Blood Agar Base N.2	01-505	Blood Agar Base No. 2
1.10398	Fraser Listeria Selective Enrichment broth Base	02-496	Listeria Enrichment Broth Base (Fraser)
1.10404	Lethen Agar Base Modified	01-237	Lethen Modified Agar
1.10405	Lethen Broth Modified	02-237	Lethen Modified Broth
1.10426	Chromocult Coliform Agar	01-695	Chromogenic Coliform Agar
1.10449	DNase Test Agar	01-346	DNASE Agar
1.10453	APT Agar	01-026	APT Agar
1.10455	Columbia Agar Base	01-034	Blood Agar Base (Columbia)
1.10456	Candida Selective Agar acc. to Nickerson	01-137	Nickerson Agar (Biggy Agar)
1.10493	Brain Heart Broth	02-599	Brain Heart Infusion Broth (BHI Broth)
1.10549	Listeria Enrichment Broth (LEB) acc. To FDA/IDF-FIL	02-498	Listeria Enrichment Broth Base (Lovett)
1.10582	Sodium Chloride peptone Broth Buffered	02-494	Buffered Peptone Water (Eur. Pharm.)
1.01638	BROLACIN Agar (CLED Agar)	01-047	CLED Agar
1.10660	MRS Agar	01-135	MRS Agar
1.10661	MRS Broth	02-135	MRS Broth
1.10673	Orange Serum Agar	01-698	Orange Serum Agar
1.10675	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth
1.10707	KF Streptococcus Agar Base	01-294	Kenner Fecal Agar (KF Agar)
1.10747	BPLS Agar, mod	01-309	Brilliant Green Modified Agar (BGA Modified)
1.10756	GN Enrichment Broth acc. To HAJNA	02-093	Gram Negative Broth (GN Broth)
1.10765	EC Broth	02-060	E. coli Broth
1.10859	Tryptone Water	03-156	Tryptone Water (Peptone Water)
1.10860	Dextrose Tryptone Agar	01-556	Dextrose Tryptone Purple Bromocresol Agar
1.10866	WL Nutrient Agar	01-210	WL Nutrient Agar
1.10886	Blood Agar Base	01-352	Blood Agar Base

Culture Media for Microbiology

Cross-references: **MERCK** - SCHARLAU (numeric)

Art. No. MERCK	Description MERCK	Art. No. SCHARLAU	Description SCHARLAU
1.10987	Phenol-Red Broth Base	02-032	Phenol Red Broth Base
1.10988	Pseudomonas Agar P Base	01-001	King A Agar (P Agar)
1.10989	Pseudomonas Agar F Base	01-029	King B Agar (F Agar)
1.11640	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
1.11681	HEKTOEN Enteric Agar	01-216	Hektoen Enteric Agar
1.11723	TAT Broth Base	02-539	Casein Lecithin Polysorbate Broth Base
1.11755	PALCAM Listeria Selective Agar Base acc. to Van Netten	01-470	Palcam Agar Base
1.11781	Listeria selective Enrichment Supplement acc. To FDA / BAM	06-107	Listeria Selective Supplement for Enrichment acc. to FDA/IDF
1.11885	Gram stainig set	RE0100	Barrit's Reagent
1.11885	Gram stainig set	VI0027	Crystal Violet Dye Solution
1.11885	Gram stainig set	LU0010	Lugol Solution
1.11885	Gram stainig set	DE0010	Decolouriser for Gram Staining
1.11885	Gram stainig set	DE0010	Safranin Dye Solution (for Gram Staining)
1.11972	TSC Agar	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
1.12122	PALCAM Listeria Selective Supplement acc. to Van Netten	06-110	Palcam Agar Selective Supplement
1.12523	Lactalbumin hydrolisate	07-455	Lactalbumin Hydrolysate
1.12535	Maximum recovery Diluent	02-510	Maximum Recovery Diluent (MRD)
1.13825	Brain Heart Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
1.13919	XT4 Agar	01-708	XT4 Agar
1.15338	Plate Count Skim Milk Agar	01-412	Plate Count Skim Milk Agar
1.15363	Skim Milk Powder	06-019	Skimmed Milk Powder
1.16000	YGC Agar (Yeast Extract Glucose Chloramphenicol Agar FIL-IDF)	01-366	Chloramphenicol Glucose Agar (CGA)
1.16122	Chromocult TBX (tryptone Bile X-glucuronide) Agar	01-619	Tryptone Bile Glucuronic Agar (TBX Agar)
1.16434	Yersinia Selective agar acc. To Schiemann (CIN-Agar)	01-144	Nutrient Agar (APHA)
1.16466	Yersinia Selective Supplement (CIN)	06-143	Yersinia Selective Supplement
1.16761	Fluid Thioglycollate Medium G	03-187	Thioglycollate Fluid Medium
1037850	Egg-Yolk Tellurite Emulsion 20% Steril	06-026	Egg's Yolk Tellurite Sterile Emulsion

Culture Media for Microbiology

Cross-references: **OXOID** - SCHARLAU (alphabetical)

Art. No. OXOID	Description OXOID	Art. No. SCHARLAU	Description SCHARLAU
LP0011B	Agar bacteriological (Agar n.1)	07-004	Agar Bacteriological
CM1028B	Alkaline Peptone Water	02-468	Alkaline Peptone Water
CM1117B	Alkaline Saline Peptone Water	02-697	Alkaline Saline Peptone Water
CM0327B	Antibiotic Medium n. 1	01-009	Antibiotic Medium A pH 6.6 (Eur. Pharm.)
CM0287B	Antibiotic Medium No. 3 (Assay Broth)	02-011	Antibiotic Medium C (Eur. Pharm.)
CM0868B	Azide Dextrose Broth (Rothe)	02-027	Azide Dextrose Broth (Rothe)
CM0617B	Bacillus Cereus Selective Agar Base	01-487	Bacillus cereus Selective Agar
SR0099E	Bacillus cereus Selective Supplement	06-021	Polymyxin B Sulfate Selective Supplement
R21522	BactiDrop Indol , Kovacs	RE0007	Kovacs' Reagent
R21536	BactiDrop Nitrate A	06-003	Nitrates A Solution
R21538	BactiDrop Nitrate B	06-004	Nitrates B Solution
CM0275B	Baird Parker Agar Base	01-030	Baird Parker Agar Base
CM0589B	BiGGY Agar	01-137	Nickerson Agar (Biggy Agar)
CM0888B	Bile Aesculine agar	01-265	Bile Esculin Modified Agar
CM0055B	Blood Agar Base	01-352	Blood Agar Base
CM0271B	Blood Agar Base N.2	01-505	Blood Agar Base No. 2
SR0183E	Bolton Broth Selective Supplement	06-131	Campylobacter Bolton Selective Supplement
CM0983B	Bolton Selective Enrichment Broth	02-688	Bolton Enrichment Broth Base
CM1136B	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
CM0225B	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth (BHI Broth)
CM0263B	Brilliant Green Agar	01-203	Brilliant Green Agar (BGA)
CM0329B	Brilliant Green Agar (Modified)	01-309	Brilliant Green Modified Agar (BGA Modified)
CM0031B	Brilliant Green Bile (2%) Broth	02-041	Brilliant Green Bile 2% Broth
CM0509B	Buffered peptone Water	02-693	Tryptone Phosphate Water 09
CM1049B	Buffered Peptone Water (ISO)	02-277	Buffered Peptone Water
CM0982B	Buffered sodium Chloride Peptone	02-494	Buffered Peptone Water (Eur. Pharm.)
CM0739B	Campylobacter Blood-free Selective Agar Base	01-685	Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base
SR0232E	Campylobacter Growth Supplement	06-128	Campylobacter Growth Supplement
SR0069E	Campylobacter Selective Supplement Skirrow)	06-132	Campylobacter Skirrow Selective Supplement
CM0519B	Cary-Blair Medium	03-643	Cary-Blair Transport Medium
SR0155E	CCDA Selective Supplement	06-133	Campylobacter Ccda Selective Supplement
CM0579B	Cetrimide Agar	01-160	Cetrimide Agar (Pseudomonas Selective Agar)
SR0078E	Chloramphenicol Selective Supplement	06-118	Chloramphenicol Selective Supplement
CM0333B	Cholera Medium TCBS	01-567	TCBS Agar
CM1084B	Chromogenic Listeria Agar (ISO)	01-719	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti
CM0301B	CLED Medium	01-047	CLED Agar
CM0331B	Columbia Blood Agar Base	01-034	Blood Agar Base (Columbia)
SR0222C	Cycloheximide	06-022	Cycloheximide Selective Supplement
SR0088E	Cycloserine (TSC) Supplement	06-116	Cycloserine Selective Supplement
CM0539B	Dermasel Medium	01-442	Dermatophyte Selective Agar
CM0163B	Desoxycholate Agar	01-057	Desoxycholate Lactose Agar
CM0729B	Dichloran Glycerol (DG18) Agar Base	01-485	Dichloran Glycerin Selective Agar (DG18 Agar)
CM0321B	DNASE Agar	01-346	DNASE Agar
CM0727B	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)
CM0853B	EC Broth	02-060	E. coli Broth
CM0317B	EE Broth	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
SR0054C	Egg Yolk tellurite Emulsion	06-026	Egg's Yolk Tellurite Sterile Emulsion
SR0047C	Egg-Yolk Emulsion	06-016	Sterile Egg Yolk Emulsion
CM0479B	Endo Agar Base	01-589	Endo Agar Base
CM0069B	Eosine Methylene Blue Agar , Modified Levine	01-068	Eosin Methylene Blue Agar (EMB Agar)
CM0523B	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth
R40080	Gram Stain Kit	RE0100	Barrit's Reagent
R40080	Gram Stain Kit	VI0027	Crystal Violet Dye Solution
R40080	Gram Stain Kit	LU0010	Lugol Solution
R40080	Gram Stain Kit	DE0010	Decolouriser For Gram Staining
R40080	Gram Stain Kit	SA0042	Safranin Dye Solution (for Gram Staining)
CM0898B	Haemophilus Test Medium (HTM)	01-706	HTM Agar Base (Haemophilus Test Medium Agar)
SR0166E	Half Fraser Supplement	06-136	Listeria Enrichment Half Fraser Selective Supplement (225 ml)
CM0419B	Hektoen Enteric Agar	01-216	Hektoen Enteric Agar
CM0591B	Kanamycin Aesculin Azide Agar Base	01-263	Kanamycin Esculin Azide Agar (KAA Agar)
CM0701B	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)
CM0033B	Kligler Iron Agar	01-103	Kligler Iron Agar (KIA)
CM0015B	Lab-Lembco Broth	02-144	Nutrient Broth (APHA)
CM0017B	Lab-Lemco Agar	01-144	Nutrient Agar (APHA)
LP0029B	Lab-Lemco powder	07-075	Meat Extract
LP0029B	Lab-Lemco powder	07-515	Beef Extract
LP0048B	Lactalbumin hydrolisate	07-455	Lactalbumin Hydrolysate
CM0137B	Lactose Broth	02-105	Lactose Broth
CM0451B	Lauryl Tryptose Broth	02-108	Tryptose Lauryl sulfate Broth
SR0110C	Legionella BCYE Growth Supplement	06-137	Legionella BCYE Growth Supplement
SR0175A	Legionella BCYE Growth Supplement without L-cysteine	06-134	Legionella BCYE without cysteine NO Growth Supplement
CM0655B	Legionella CYE Agar Base	01-687	Legionella BCYE Agar Base
SR0152E	Legionella GVPC Selective Supplement	06-137	Legionella GVPC Selective Supplement

Culture Media for Microbiology

Cross-references: **OXOID** - SCHARLAU (alphabetical)

Art. No. OXOID	Description OXOID	Art. No. SCHARLAU	Description SCHARLAU
CM0862B	Listeria Enrichment Broth Base (FDA)	02-498	Listeria Enrichment Broth Base (Lovett)
CM0863B	Listeria Enrichment Broth Base (UVM formulatoin)	02-472	Listeria Enrichment Broth Base (UVM)
CM0895B	Listeria Enrichment Broth Base acc. to Fraser	02-496	Listeria Enrichment Broth Base (Fraser)
CM0856B	Listeria Selective Agar (OXFORD)	01-471	Oxford Agar Base
SR0141E	Listeria Selective Supplement for Enrichment FDA/IDF	06-107	Listeria Selective Supplement for Enrichment acc. to FDA/IDF
SR0142E	Listeria Selective Supplement for primary enrichment	06-106	Listeria Selective Supplement for Primary Enrichment (UVM I)
SR0143E	Listeria Selective Supplement for secondary enrichment	06-111	Listeria Selective Supplement for Secondary Enrichment (UVM II/Fraser)
CM0381B	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
CM0308S	Lysine Decarboxylase Broth (taylor Modificaction)	02-336	Decarboxylase Lysine Broth (Taylor)
SR0188E	m-CP Selective Supplement	06-125	m-CP Selective Supplement
CM0115B	MacConKEY Agar No. 3	01-118	MacConkey Agar
CM0109B	MacConkey Agar No. 2	01-682	MacConkey No. 2 Agar
CM0005B	MacConKEY Broth	02-118	MacConkey Broth
CM0505B	MacConkey Broth Purple	02-611	MacConkey Broth (Eur. Pharm.)
LP0039B	Malt Extract	07-080	Malt Extract
CM0059B	Malt Extract Agar	01-574	Malt Extract Agar No. 3
CM0057B	Malt Extract Broth	02-491	Malt Extract Broth No. 2
CM0085B	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
CM0399B	Mannitol Selenite Broth Base	02-652	Mannitol Selenite Broth Base
CM0733B	Maximum recovery Diluent	02-510	Maximum Recovery Diluent (MRD)
CM0733B	Maximum recovery Diluent	02-631	Purple Maximum Recovery Diluent
CM0992B	Membrane Clostridium Perfringens (m-CP) Medium	01-513	m-CP Agar Base
CM0681B	Milk Plate Count Agar	01-412	Plate Count Skim Milk Agar
CM0607G	Minerals Modified Medium Base	02-656	Mineral Modified Glutamate Medium Base
SR0204E	Modified Preston Campylobacter Selective Supplement	06-135	Campylobacter Preston Modified Selective Supplement
CM0910B	Modified Semi-Solid Rappaport-Vassiliadis (MSRV) Medium Base	03-376	Rappaport Vassiliadis Modified Semi-solid Medium Base
CM0361B	MRS Agar	01-135	MRS Agar
CM0359B	MRS Broth	02-135	MRS Broth
CM0043B	MRVP Medium	02-207	Methyl Red Voges Proskauer Broth (MRVP)
CM0337B	Mueller hinton Agar	01-136	Mueller-Hinton Agar
CM0405B	Mueller Hinton Broth	02-136	Mueller-Hinton Broth
BR0071E	MUG Supplement	06-102	MUG Supplement
CM1048B	Müller KauffMann tetrathionate-Novobiocin Broth (MKTn)	02-335	Müller-Kauffmann Tetrathionate Broth Base
CM0929B	MYP Agar	01-262	Bacillus cereus Agar
SR0181E	Novobiocin supplement	06-139	Novobiocin Selective Supplement (10 mg)
CM0003B	Nutrient Agar	01-140	Nutrient Agar
CM0003B	Nutrient Agar	01-635	Nutrient Agar (ISO)
CM0001B	Nutrient Broth	02-140	Nutrient Broth
CM0067B	Nutrient Broth No.2 (Preston Selective Broth)	02-561	Preston Campylobacter Broth Base
SR0226	OCLA Differential Supplement	06-755	Microinstant Listeria Selective Supplement
SR0244	OCLA Selective Supplement	06-754	Microinstant Listeria Enrichment Supplement
SR0073A	OGYE Selective Supplement	06-114	Disodium Disulfite (Meta-Bisulfite Sodium)
SR0140E	Oxford Agar Selective Supplement	06-109	Oxford Agar Selective Supplement
CM0545B	Oxytetracyclin Glucose Yeast Extract Agar (O.G.Y.E Agar)	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
CM0877B	Palcam Agar Base	01-470	Palcam Agar Base
SR0150E	Palcam Selective Agar	06-110	Palcam Agar Selective Supplement
CM0009B	Peptone Water	03-156	Tryptone Water (Peptone Water)
CM0587B	Perfringens Agar Base (TSC & SFP)	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
CM0325B	Plate Count Agar (Tryptone Glucose Yeast Agar)	01-329	Plate Count Modified Agar
SR0030J	Potassium tellurite 3,5%	06-011	Potassium Tellurite Sterile Solution 3,5%
CM0139B	Potato Dextrose Agar	01-483	Potato Dextrose Agar
SR0117E	Preston Campylobacter Selective Supplement	06-130	Campylobacter Preston Selective Supplement
CM0689B	Preston Selective Agar	01-451	Preston Campylobacter Agar Base
LP0085B	Proteose peptone	07-625	Proteose Peptone No. 3
CM0559B	Pseudomonas Agar Base	01-609	CN Selective Agar Base
CM0906B	R2A Agar	01-540	R2A Agar
CM0866B	Rappaport-Vassiliadissoya Peptone (RVS) Broth	02-379	Rappaport Vassiliadis Broth
CM0669B	Rappaport-Vassiliadis (RV) Enrichment Broth	02-668	Rappaport Vassiliadis Salmonella Enrichment Broth
CM0151B	Reinforced Clostridial Agar	01-289	Reinforced Clostridial Agar
CM0149B	Reinforced Clostridial Medium	03-289	Reinforced Clostridial Medium
CM0549B	Rose Bengal Chloramphenicol Agar	01-301	Rose Bengal Agar
CM0041B	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
CM0147B	Sabouraud Liquid Medium	02-165	Sabouraud Broth
CM0533B	Salmonella Shigella Modificado Agar	01-555	Salmonella-Shigella Agar (SS Agar)
CM0395B	Selenite Broth Base	02-598	Selenite Broth Base
CM0699B	Selenite Cystine Broth Base	02-602	Selenite Cystine Broth Base
CM0409B	Sensitest Agar	01-655	Sensitivity Test Agar (STA)
CM0435B	SIM Medium	03-176	SIM Medium
CM0155B	SIMMONS Citrate Agar	01-177	Simmons Citrate Medium
LP0031B	Skim Milk Powder	06-019	Skimmed Milk Powder
CM0377B	Slanetz & Bartley Medium	01-579	Slanetz Bartley Agar Base
LP0121A	Sodium bi-selenite	06-607	Basic Fuchsin (250) Selective Supplement
CM0813B	Sorbitol MacConkey Agar	01-729	MacConkey Sorbitol Agar

Culture Media for Microbiology

Cross-references: **OXOID** - SCHARLAU (alphabetical)

Art. No. OXOID	Description OXOID	Art. No. SCHARLAU	Description SCHARLAU
CM0463B	Standard Plate Count Agar (APHA)	01-161	Plate Count Agar (PCA)
CM0111B	Stuart Transport Medium	03-454	Stuart Ringertz Transport Medium
CM0793B	Tergitol R 7 Agar	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
CM0391B	Thioglycollate Broth USP-Alternative	02-186	Thioglycollate Broth
CM0173B	Thioglycollate Medium USP	03-187	Thioglycollate Fluid Medium
CM0189B	Todd-Hewitt Broth	02-191	Todd-Hewitt Broth
CM0277B	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
CM0989B	Tryptona Soya Broth Modified (mTSB)	02-691	Tryptic Soy Broth Modified
CM0595B	Tryptone Bile Agar	01-526	Tryptone Bile Agar
CM0945B	Tryptone Bile X-glucuronide Agar	01-619	Tryptone Bile Glucuronic Agar (TBX Agar)
CM0127B	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
CM0131B	Tryptone Soy Agar	01-200	Tryptic Soy Agar (TSA)
CM0129B	Tryptone Soya Broth	02-200	Tryptic Soy Broth (TSB)
LP0043B	Tryptone T	07-119	Tryptone - Casein Trypsin Peptone
LP0043B	Tryptone T	07-489	Tryptone - Peptone from Casein acc. to USP specifications
LP0047B	Tryptose	07-197	Tryptose
SR0229K	TTC Solution (1%)	06-023	TTC Sterile Solution 1%
CM0053B	Urea Agar Base	01-261	Urea Agar Base
CM0071B	Urea Broth Base	02-202	Urea Broth Base
SR0020K	Urea Steril Solution 40%	06-083	Urea Sterile Solution 40%
CM0485B	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)
CM0107B	Violet Red Bile Lactose Agar	01-164	Violet Red Bile Agar (VRB Agar)
CM0641B	Vogel Johnson Agar	01-206	Vogel Johnson Agar (VJ Agar)
CM1012B	Water Plate Count Agar (ISO)	01-590	Tryptone Yeast Extract Agar
CM0309B	WL Nutrient Agar (Medium)	01-210	WL Nutrient Agar
CM0247B	Wort Agar	01-132	Wort Agar
CM0469B	XLD Medium	01-552	Xylose Lysine Deoxycholate Modified Agar
CM1061B	XLT-4 Agar	01-708	XLT4 Agar
SR0237E	XLT-4 Selective Supplement	06-709	XLT4 Agar Selective Supplement
LP0021B	Yeast Extract powder	07-079	Yeast Extract
CM0920B	Yeast Mold Agar (YM Agar)	01-219	Yeast Malt Agar
CM0653B	Yersinia Selective (CIN) Agar Base	01-144	Nutrient Agar (APHA)
SR0109E	Yersinia Selective Supplement	06-143	Yersinia Selective Supplement

Culture Media for Microbiology

Cross-references: **OXOID** - SCHARLAU (numeric)

Art. No. OXOID	Description OXOID	Art. No. SCHARLAU	Description SCHARLAU
BR0071E	MUG Supplement	06-102	MUG Supplement
CM0001B	Nutrient Broth	02-140	Nutrient Broth
CM0003B	Nutrient Agar	01-140	Nutrient Agar
CM0003B	Nutrient Agar	01-635	Nutrient Agar (ISO)
CM0005B	MacCONKEY Broth	02-118	MacConkey Broth
CM0009B	Peptone Water	03-156	Tryptone Water (Peptone Water)
CM0015B	Lab-Lembco Broth	02-144	Nutrient Broth (APHA)
CM0017B	Lab-Lemco Agar	01-144	Nutrient Agar (APHA)
CM0031B	Brilliant Green Bile (2%) Broth	02-041	Brilliant Green Bile 2% Broth
CM0033B	Kligler Iron Agar	01-103	Kligler Iron Agar (KIA)
CM0041B	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
CM0043B	MRVP Medium	02-207	Methyl Red Voges Proskauer Broth (MRVP)
CM0053B	Urea Agar Base	01-261	Urea Agar Base
CM0055B	Blood Agar Base	01-352	Blood Agar Base
CM0057B	Malt Extract Broth	02-491	Malt Extract Broth No. 2
CM0059B	Malt Extract Agar	01-574	Malt Extract Agar No. 3
CM0067B	Nutrient Broth No.2 (Preston Selective Broth)	02-561	Preston Campylobacter Broth Base
CM0069B	Eosine Methylene Blue Agar , Modified LEVINE	01-068	Eosin Methylene Blue Agar (EMB Agar)
CM0071B	Urea Broth Base	02-202	Urea Broth Base
CM0085B	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
CM0107B	Violet Red Bile Lactose Agar	01-164	Violet Red Bile Agar (VRB Agar)
CM0109B	MacConkey Agar No. 2	01-682	MacConkey No. 2 Agar
CM0111B	STUART TRANSPORT MEDIUM	03-454	Stuart Ringertz Transport Medium
CM0115B	MacCONKEY Agar n. 3	01-118	MacConkey Agar
CM0127B	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
CM0129B	Tryptone Soya Broth	02-200	Tryptic Soy Broth (TSB)
CM0131B	Tryptone Soy Agar	01-200	Tryptic Soy Agar (TSA)
CM0137B	Lactose Broth	02-105	Lactose Broth
CM0139B	Potato Dextrose Agar	01-483	Potato Dextrose Agar
CM0147B	Sabouraud Liquid Medium	02-165	Sabouraud Broth
CM0149B	Reinforced Clostridial Medium	03-289	Reinforced Clostridial Medium
CM0151B	Reinforced Clostridial Agar	01-289	Reinforced Clostridial Agar
CM0155B	SIMMONS Citrate Agar	01-177	Simmons Citrate Medium
CM0163B	Desoxycholate Agar	01-057	Deoxycholate Lactose Agar
CM0173B	Thioglycollate Medium USP	03-187	Thioglycollate Fluid Medium
CM0189B	Todd-Hewitt Broth	02-191	Todd-Hewitt Broth
CM0225B	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth (BHI Broth)
CM0247B	Wort Agar	01-132	Wort Agar
CM0263B	Brilliant Green Agar	01-203	Brilliant Green Agar (BGA)
CM0271B	Blood Agar Base N.2	01-505	Blood Agar Base No. 2
CM0275B	Baird Parker Agar Base	01-030	Baird Parker Agar Base
CM0277B	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
CM0287B	Antibiotic Medium No. 3 (Assay Broth)	02-011	Antibiotic Medium C (Eur. Pharm.)
CM0301B	CLED Medium	01-047	CLED Agar
CM0308S	Lysine Decarboxylase Broth (taylor Modificaction)	02-336	Decarboxylase Lysine Broth (Taylor)
CM0309B	WL Nutrient Agar (Medium)	01-210	WL Nutrient Agar
CM0317B	EE Broth	02-064	Enrichment Enterobacteriaceae Broth (EE Broth)
CM0321B	DNASE Agar	01-346	DNASE Agar
CM0325B	Plate Count Agar (Tryptone Glucose Yeast Agar)	01-329	Plate Count Modified Agar
CM0327B	Antibiotic Medium n. 1	01-009	Antibiotic Medium A pH 6.6 (Eur. Pharm.)
CM0329B	Brilliant Green Agar (Modified)	01-309	Brilliant Green Modified Agar (BGA Modified)
CM0331B	Columbia Blood Agar Base	01-034	Blood Agar Base (Columbia)
CM0333B	Cholera Medium TCBS	01-567	TCBS AGAR
CM0337B	Mueller hinton Agar	01-136	Mueller-Hinton Agar
CM0359B	MRS Broth	02-135	MRS Broth
CM0361B	MRS Agar	01-135	MRS Agar
CM1136B	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (BHI Agar)
CM0377B	SLANETZ & BARTLEY Medium	01-579	Slanetz Bartley Agar Base
CM0381B	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
CM0391B	Thioglycollate Broth USP -Alternative	02-186	Thioglycollate Broth
CM0395B	Selenite Broth Base	02-598	Selenite Broth Base
CM0399B	MANNITOL SELENITE BROTH BASE	02-652	Mannitol Selenite Broth Base
CM0405B	Mueller Hinton Broth	02-136	Mueller-Hinton Broth
CM0409B	Sensitest Agar	01-655	Sensitivity Test Agar (STA)
CM0419B	HEKTOEN Enteric Agar	01-216	Hektoen Enteric Agar
CM0435B	SIM Medium	03-176	SIM Medium
CM0451B	Lauryl Tryptose Broth	02-108	Tryptose Lauryl sulfate Broth
CM0463B	Standard Plate Count Agar (APHA)	01-161	Plate Count Agar (PCA)
CM0469B	XLD Medium	01-552	Xylose Lysine Deoxycholate Modified Agar
CM0479B	Endo Agar Base	01-589	Endo Agar Base
CM0485B	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)
CM0505B	MacConkey Broth Purple	02-611	MacConkey Broth (Eur. Pharm.)
CM0509B	Buffered peptone Water	02-693	Tryptone Phosphate Water 09

Culture Media for Microbiology

Cross-references: **OXOID** - SCHARLAU (numeric)

Art. No. OXOID	Description OXOID	Art. No. SCHARLAU	Description SCHARLAU
CM0519B	Cary-Blair Medium	03-643	Cary-Blair Transport Medium
CM0523B	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth
CM0533B	Salmonella Shigella Modificado Agar	01-555	Salmonella-Shigella Agar (SS Agar)
CM0539B	Dermasel Medium	01-442	Dermatophyte Selective Agar
CM0545B	Oxytetracyclin Glucose Yeast Extract Agar (O.G.Y.E Agar)	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
CM0549B	Rose Bengal Chloramphenicol Agar	01-301	Rose Bengal Agar
CM0559B	Pseudomonas Agar Base	01-609	CN Selective Agar Base
CM0579B	Cetrimide Agar	01-160	Cetrimide Agar (Pseudomonas Selective Agar)
CM0587B	Perfringens Agar Base (TSC & SFP)	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
CM0589B	BIGGY Agar	01-137	Nickerson Agar (Biggy Agar)
CM0591B	Kanamycin Aesculin Azide Agar Base	01-263	Kanamycin Esculin Azide Agar (KAA Agar)
CM0595B	Tryptone Bile Agar	01-526	Tryptone Bile Agar
CM0607G	Minerals Modified Medium Base	02-656	Mineral Modified Glutamate Medium Base
CM0617B	BACILLUS CEREUS SELECTIVE AGAR BASE	01-487	Bacillus cereus Selective Agar
CM0641B	VOGEL JOHNSON Agar	01-206	Vogel Johnson Agar (VJ Agar)
CM0653B	Yersinia Selective (CIN) Agar Base	01-144	Nutrient Agar (APHA)
CM0655B	Legionella CYE Agar Base	01-687	Legionella BCYE Agar Base
CM0669B	Rappaport-Vassiliadis (RV) Enrichment Broth	02-668	Rappaport Vassiliadis Salmonella Enrichment Broth
CM0681B	Milk Plate Count Agar	01-412	Plate Count Skim Milk Agar
CM0689B	Preston Selective Agar	01-451	Preston Campylobacter Agar Base
CM0699B	Selenite Cystine Broth Base	02-602	Selenite Cystine Broth Base
CM0701B	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)
CM0727B	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar)
CM0729B	Dichloran Glycerol (DG18) Agar Base	01-485	Dichloran Glycerin Selective Agar (DG18 Agar)
CM0733B	Maximum recovery Diluent	02-510	Maximum Recovery Diluent (MRD)
CM0733B	Maximum recovery Diluent	02-631	Purple Maximum Recovery Diluent
CM0739B	Campylobacter Blood-free Selective Agar Base	01-685	Charcoal Cefoperazone Deoxycholate (CCD) Modified Agar Base
CM0793B	TERGITOL R 7 Agar	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
CM0813B	Sorbitol MaCConkey Agar	01-729	MacConkey Sorbitol Agar
CM0853B	EC Broth	02-060	E. coli Broth
CM0856B	Listeria Selective Agar (OXFORD)	01-471	Oxford Agar Base
CM0862B	Listeria enrichment Broth Base (FDA)	02-498	Listeria Enrichment Broth Base (Lovett)
CM0863B	Listeria Enrichment Broth Base (UVM formulatoin)	02-472	Listeria Enrichment Broth Base (UVM)
CM0866B	Rappaport-Vasiliadissoya Peptone (RVS) Broth	02-379	Rappaport Vassiliadis Broth
CM0868B	Azide Dextrose Broth (Rothe)	02-027	Azide Dextrose Broth (Rothe)
CM0877B	PALCAM Agar Base	01-470	Palcam Agar Base
CM0888B	Bile Aesculine agar	01-265	Bile Esculin Modified Agar
CM0895B	Listeria Enrichment Broth Base acc. to Fraser	02-496	Listeria Enrichment Broth Base (Fraser)
CM0898B	Haemophilus Test Medium (HTM)	01-706	HTM Agar Base (Haemophilus Test Medium Agar)
CM0906B	R2A Agar	01-540	R2A Agar
CM0910B	Modified Semi-Solid Rappaport-Vassiliadis (MSRV) Medium Base	03-376	Rappaport Vassiliadis Modified Semi-solid Medium Base
CM0920B	Yeast Mold Agar (YM Agar)	01-219	Yeast Malt Agar
CM0929B	MYP Agar	01-262	Bacillus cereus Agar
CM0945B	Tryptone Bile X-glucuronide Agar	01-619	Tryptone Bile Glucuronic Agar (TBX Agar)
CM0982B	Buffered sodium Chloride Peptone	02-494	Buffered Peptone Water (Eur. Pharm.)
CM0983B	Bolton Selective Enrichment Broth	02-688	Bolton Enrichment Broth Base
CM0989B	Tryptona Soya Broth Modified (mTSB)	02-691	Tryptic Soy Broth Modified
CM0992B	Membrane Clostridium Perfringens (m-CP) Medium	01-513	m-CP Agar Base
CM1012B	Water Plate Count Agar (ISO)	01-590	Tryptone Yeast Extract Agar
CM1028B	ALKALINE PEPTONE WATER	02-468	Alkaline Peptone Water
CM1048B	Müller Kauffmann tetrathionate-Novobiocin Broth (MKTn)	02-335	Müller-Kauffmann Tetrathionate Broth Base
CM1049B	Buffered Peptone Water (ISO)	02-277	Buffered Peptone Water
CM1061B	XLT-4 Agar	01-708	XLT4 Agar
CM1084B	Chromogenic Listeria Agar (ISO)	01-719	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti
CM1117B	Alkaline Saline Peptone Water	02-697	Alkaline Saline Peptone Water
LP0011B	Agar bacteriological (Agar n.1)	07-004	Agar Bacteriological
LP0021B	Yeast Extract powder	07-079	Yeast Extract
LP0029B	Lab-Lemco powder	07-075	Meat Extract
LP0029B	Lab-Lemco powder	07-515	Beef Extract
LP0031B	Skim Milk Powder	06-019	Skimmed Milk Powder
LP0039B	Malt Extract	07-080	Malt Extract
LP0043B	Tryptone T	07-119	Tryptone - Casein Tryptic Peptone
LP0043B	Tryptone T	07-489	Tryptone - Peptone from Casein acc. to USP specifications
LP0047B	Tryptose	07-197	Tryptose
LP0048B	Lactalbumin hydrolisate	07-455	Lactalbumin Hydrolysate
LP0085B	Proteose peptone	07-625	Proteose Peptone No. 3
LP0121A	Sodium bi-selenite	06-607	BASIC FUCHSIN (250) SELECTIVE SUPPLEMENT
R21522	BactiDrop Indol , Kovacs	RE0007	Kovacs' Reagent
R21536	BactiDrop Nitrate A	06-003	Nitrates A Solution
R21538	BactiDrop Nitrate B	06-004	Nitrates B Solution
R40080	Gram Stain Kit	RE0100	Barritt's Reagent
R40080	Gram Stain Kit	VI0027	Crystal Violet Dye Solution
R40080	Gram Stain Kit	LU0010	Lugol Solution

Culture Media for Microbiology

Cross-references: **OXOID** - SCHARLAU (numeric)

Art. No. OXOID	Description OXOID	Art. No. SCHARLAU	Description SCHARLAU
R40080	Gram Stain Kit	DE0010	Decolouriser For Gram Staining
R40080	Gram Stain Kit	SA0042	Safranin Dye Solution (For Gram Staining)
SR0020K	Urea Steril Solution 40%	06-053	Urea Sterile Solution 40%
SR0030J	Potassium tellurite 3,5%	06-011	Potassium Tellurite Sterile Solution 3,5%
SR0047C	Egg-Yolk Emulsion	06-016	Sterile Egg Yolk Emulsion
SR0054C	Egg Yolk tellurite Emulsion	06-026	Egg's Yolk Tellurite Sterile Emulsion
SR0069E	Campylobacter Selective Supplement (Skirrow)	06-132	Campylobacter Skirrow Selective Supplement
SR0073A	OGYE Selective Supplement	06-114	Disodium Disulfite (Meta-Bisulfite Sodium)
SR0078E	Chloramphenicol Selective Supplement	06-118	Chloramphenicol Selective Supplement
SR0088E	Cycloserine (TSC) Supplement	06-116	Cycloserine Selective Supplement
SR0099E	Bacillus cereus Selective Supplement	06-021	Polymyxin B Sulfate Selective Supplement
SR0109E	Yersinia Selective Supplement	06-143	Yersinia Selective Supplement
SR0110C	Legionella BCYE Growth Supplement	06-137	Legionella BCYE Growth Supplement
SR0117E	Preston Campylobacter Selective Supplement	06-130	Campylobacter Preston Selective Supplement
SR0140E	Oxford Agar Selective Supplement	06-109	Oxford Agar Selective Supplement
SR0141E	Listeria Selective Supplement for Enrichment FDA/IDF	06-107	Listeria Selective Supplement for Enrichment acc. to Fda/Idf
SR0142E	Listeria Selective Supplement for primary enrichment	06-106	Listeria Selective Supplement for Primary Enrichment (UVM I)
SR0143E	Listeria Selective Supplement for secondary enrichment	06-111	Listeria Selective Supplement for Secondary Enrichment (UVM II/Fraser)
SR0150E	PALCAM Selective Agar	06-110	Palcam Agar Selective Supplement
SR0152E	Legionella GVPC Selective Supplement	06-137	Legionella GVPC Selective Supplement
SR0155E	CCDA Selective Supplement	06-133	Campylobacter CCDA Selective Supplement
SR0166E	Half Fraser Supplement	06-136	Listeria Enrichment Half Fraser Selective Supplement (225 ml)
SR0175A	Legionella BCYE Growth Supplement without L-cysteine	06-134	Legionella BCYE without Cysteine NO Growth Supplement
SR0181E	Novobiocin supplement	06-139	Novobiocin Selective Supplement (10 mg)
SR0183E	Bolton Broth Selective Supplement	06-131	Campylobacter Bolton Selective Supplement
SR0188E	m-CP Selective Supplement	06-125	m-CP Selective Supplement
SR0204E	Modified Preston Campylobacter Selective Supplement	06-135	Campylobacter Preston Modified Selective Supplement
SR0222C	Cycloheximide	06-022	Cycloheximide Selective Supplement
SR0226	OCLA Differential Supplement	06-755	Microinstant Listeria Selective Supplement
SR0229K	TTC Solution (1%)	06-023	TTC Sterile Solution 1%
SR0232E	Campylobacter Growth Supplement	06-128	Campylobacter Growth Supplement
SR0237E	XLT-4 Selective Supplement	06-709	XLT4 Agar Selective Supplement
SR0244	OCLA Selective Supplement	06-754	Microinstant Listeria Enrichment Supplement

Culture Media for Microbiology

Product index

Product	Page	Product	Page
A		B (continue)	
Acetamide Medium (03-428)	8, 55	Biological Buffers	59
Acetate Differential Agar (01-665)	8, 53	Blood Agar (01-352)	11
Acrylamide, electrophoresis grade	59	Blood Agar Base	50, 53
Acrylamide, molecular biology grade	59	Blood Agar (Columbia) (01-680)	11, 50, 54
Agar Bacteriological	40	Blood Agar No. 2 (01-505)	11, 50, 53, 55
Agar-Agar	40	Blood CNA Agar (Columbia CNA) (01-703)	11, 50
Agarose and Acrylamide. Eletrophoresis	59	Bolton Enrichment Broth (02-688)	11, 52
Agarose High EEO	59	Boric Acid, molecular biology grade	59
Agarose High Resolution	59	Brain Heart Infusion Agar (BHI Agar)	51, 53, 55
Agarose Low EEO	59	Brain Heart Infusion Broth (BHI Broth)	50, 53, 55
Agarose Low Melt	59	Brilliant Green Agar (BGA) (01-203)	50, 53, 54
Agarose Medium EEO	59	Brilliant Green Bile 2% Broth (02-041)	11, 50, 52, 55
AK Agar (01-069)	8	Brilliant Green Modified Agar (01-309)	11, 53, 55
Algae Agar (01-007)	8, 55	Brilliant Green Selective Supplement with Novobiocin	22, 38
Algae Broth (02-007)	8, 55	Brolacin Agar (01-047)	11
Alkaline Peptone Water (02-468)	8, 53	Buffer Solution pH = 4, 00	40
Alkaline Saline Peptone Water (02-697)	8, 53, 55	Buffer Solution pH = 7, 00	40
Ammonium Chloride, molecular biology grade	59	Buffered Peptone Water (02-277)	11, 50, 52
Ammonium Acetate, molecular biology grade	59	Buffered Peptone Water Eur. Pharm. (02-494)	12, 54
Ammonium Chloride (Additive)	21, 40	Buffered-Phosphate Peptone Water (02-568)	12
Ammonium Persulfate, molecular biology grade	59	Buffers for Electrophoresis	59
Ammonium Sulfate, molecular biology grade	59	Buffers for Hibridization	59
Ampicillin, Sodium Salt, biochemical purposes	59		
Ampicillin Selective Supplement	36	C	
Anaerobic jarr	58	Calcium Chloride 2 Hydrate, molecular biology grade	59
Antibiotic Medium A pH 6, 6 Eur. Pharm. (01-009)	8, 54	Campylobacter Blood-Free Selective Agar (01-685)	12
Antibiotic Medium A pH 7, 9 Eur. Pharm. (01-017)	8, 54	Campylobacter Bolton Broth (02-688)	12
Antibiotic Medium B (01-016)	8, 54	Campylobacter Bolton Selective Supplement	11, 36
Antibiotic Medium C Eur. Pharm. (02-011)	8, 54	Campylobacter CCDA Selective Supplement	12, 36
Antibiotic Medium E (01-430)	8, 54	Campylobacter Growth Supplement	24, 27, 36
Antibiotic Medium F Eur. Pharm. (01-434)	8, 54	Campylobacter Preston Agar (01-451)	12
Antibiotics. Cloning	59	Campylobacter Preston Broth (02-561)	12
APT Agar (01-026)	8, 53	Campylobacter Preston Modified Selective Supplement	24, 36
Aquachrom™ ECC	43	Campylobacter Preston Selective Supplement	24, 36
D-(-)-Arabinose, for Bacteriology	40	Campylobacter Skirrow Selective Supplement	27, 36
L-Arginine extra pure	40	Carcass-Sponge-Kit	56
L-Asparagine	40	Carcass-Swab-Kit	56
Asparagine Broth (02-271)	8, 55	Cary-Blair Transport Medium (03-643)	12, 50
Azide Dextrose Broth according to Rothe (02-027)	9, 52, 54	Casein Acid Hydrolysate	40
		Casein Lecithin Polysorbate Broth (02-539)	12, 51, 54
B		Casein Pancreatic Peptone	40
Bacillus Cereus Agar (01-262)	9, 50, 52	Casein Trypsin Peptone (Tryptone)	40
Bacillus Cereus Selective Agar (01-487)	9, 52	Catalase Activity	48
Baird Parker Agar (01-030)	9, 50, 51, 53, 54	CCA (Chromogenic Coliform Agar (01-695)	12
Baird Parker with RPF Agar		CCD (Charcoal Cefoperazone Deoxycholate) Modified Agar (01-685)	12
(Rabbit Plasma Agar & Fibrinogen)	9	Cesium Chloride, molecular biology grade	59
Barrit Reagent (Alpha-Naphtol) (A)	49	Cetrimide Agar (01-160)	12, 53, 54, 55
Basic Fuchsin 250 Selective Supplement	15, 36	Cetrimide-Nalidixic (Cn) Selective Agar (01-609)	12
BAT (<i>Bacillus Acidoterrestris</i>) Agar (01-675)	9, 52	CGA (Chloramphenicol Glucose Agar) (01-366)	12
BAT (<i>Bacillus Acidoterrestris</i>) Broth (02-675)	9, 52	Chapman Agar (01-116)	12
BCYE Agar without Cysteine	18	Chapman TTC Agar (01-053)	12, 52, 55
BCYE Legionella Agar (01-687)	10	Charcoal Cefoperazone Deoxycholate Modified Agar (01-685)	12, 52
BCYE Legionella Selective Agar	10	Chloramphenicol Glucose Agar (CGA)	53
BCYE without Cysteine Legionella Agar	10	Chloramphenicol Selective Supplement (25 mg)	38
Beef Extract	40	Chloramphenicol, biochemical purposes	59
Beerens Cosmetic Diluent (02-257)	10, 51	Chloride Ferric Solution	49
BGA (Brilliant Green Agar) (01-203)	10	Chocolate Agar	16
BGA Modified (Brilliant Green Modified Agar) (01-309)	10	Christensen's Citrate Agar (01-664)	13, 53
BGBL Broth (02-041)	10	CHROMagar™ Candida	45
BHI Agar (Brain Heart Infusion Agar) (01-599)	10	CHROMagar™ E. coli	43
BHI Broth (Brain Heart Infusion Broth) (02-599)	10	CHROMagar™ ECC	43
Biggy Agar (01-137)	10, 50, 51	CHROMagar™ Identification Listeria	41
Bile	40	CHROMagar™ Liquid ECC	43
Bile Esculin Azide Agar (01-592)	11, 52, 55	CHROMagar™ Listeria	41
Bile Esculin Modified Agar (01-265)	11, 52	CHROMagar™ Mastitis	46
Bile Salts No. 3	40	CHROMagar™ MRSA	45

Culture Media for Microbiology

Product index

Product	Page	Product	Page
C (continue)		E (continue)	
CHROMagar™ O157	44	m-Enterococcus Agar (01-579)	15
Chromagar™ Orientation	45	Enzyme Substrates. Cloning	59
Chromagar™ Pseudomonas	44	Esculin Bile Modified Agar (01-265)	15
Chromagar™ Salmonella Plus	42	Ethanol 96% V/V, Multisolvent®	40
Chromagar™ Staph Aureus	44	Ethanol Absolute, Synthesis Grade	40
Chromagar™ Strep B	46	Ethanol, Dnase Free	59
Chromagar™ Vibrio	44	Ethidium Bromide, biochemical purposes	59
Chromagar™ VRE	46	Ethidium Bromide, Solution 10mg/mL	59
Chromogenic Coliform Agar (CCA) (01-695)	13, 47, 51, 52, 55	Ethyl Violet Azide Broth (Eva Broth)	15, 55
Chromogenic Colinstant Agar (01-618)	13, 47, 52, 55	Eugon LT 100 Agar (01-654)	15, 51
CIN Agar (01-444)	13	Eugon LT 100 Broth (02-654)	15, 55
Citric Acid 1 Hydrate, molecular biology grade	59	EVA Broth (02-028)	15
CLED Agar (01-047)	13, 50		
Cloning. Antibiotics	59	F	
Cloning. Enzyme Substrates	59	F Agar (01-029)	15
Clostridium Perfringens, Selective Agar (SPS Agar)	51, 52, 55	Fecal Coliform Agar (FC Agar) (01-287)	15
CN (Cetrimide-Nalidixic) Selective Agar Base (01-609)	13, 50, 51, 53, 55	Ferric Ammonium Citrate Supplement	15, 18, 36, 38, 40
Coagulase Test (Rabbit Plasma)	48	Ferric Chloride	49
Coliform CV Selective Supplement	13, 36, 47	Ficoll® 400	59
Coliforms Presence/Absence Broth	13, 47	Formaldehyde, Sol 37%, molecular biology grade	59
Columbia Agar Base (Eur. Pharm./HP) (01-680)	13, 54	Formaldehyde, Sol 37%, R.G.	59
Columbia Blood Agar (01-034)	13, 27	Formamide Deionized, molecular biology grade	59
Columbia CNA Agar (01-703)	13, 50	Formamide, r.g.	59
Cosmetic Diluent of Beerens (02-257)	13	Fraser Half Concentration Enrichment Broth	15
m-Cp Agar (Clostridium Perfringens) (01-513)	13, 55	Fraser Listeria Enrichment Broth (02-496)	15
m-Cp Selective Supplement	13, 36	D-(-)-Fructose, extra pure	40
CP Selective Supplement for Gram-Positive Cocci (CNA)	38	Fuchsin Basic	40
Cryoinstant®	58		
CT SMAC Selective Supplement	27, 36	G	
Cycloheximide Selective Supplement	36	GC Agar Base (01-310)	16, 28, 50
Cycloserine Selective Supplement	31, 36	Gelatin Pancreatic Peptone	40
L-Cysteine Hydrochloride Anhydrous, extra pure	40	Gelatine Powder, for analysis and bacteriology	40
		Giolitti-Cantoni Broth (02-230)	16, 53
D		Glycerol (Additive)	21
D/E Neutralizing Agar (01-610)	14, 51	β-Glucuronidase Broth	48
D/E Neutralizing Broth (02-610)	14, 51	D-Glucose (Dextrose)	34, 40
Decarboxylase Lysine Broth according to Taylor (02-336)	14, 52	Glucose Bromcresol Purple Agar (01-502)	16, 52
Deoxycholate Lactose Agar (01-057)	14, 50, 52, 55	Glucose Peptone Chloramphenicol Agar (01-692)	16, 51
Dermatophyte Selective Agar (01-442)	14, 50	Glycerol (Additive)	12, 17
Dextrose	34	Glycerol Anhydrous, molecular biology grade	59
Dextrose Tryptone Purple Bromcresol Agar (01-556)	14, 52	Glycerol, 99, 5%	40
DG18 Selective Agar (Dichloran Glycerin Selective Agar) (01-485)	14	Glycine, extra pure	59
Dichloran Glycerin Selective Agar (DG18 Agar)	53	Glycine, molecular biology grade	59
Dichloran Rose Bengal Chloramphenicol Agar (DRBC Agar) (01-657)	14, 53	GPS (Growth Promotion Supplement)	16, 38
Differential Reinforced Clostridial Medium (DRCM) (02-410)	14, 50, 52, 55	Gram Negative Broth (Gn Broth) (02-093)	16, 52
1, 4-Dithiotreitol, molecular biology grade	59	m-Green Agar (01-633)	16, 53, 55
DNA/RNA Extraction	59	m-Green Broth (02-633)	16, 55
DNase Activity	48	Guanidine Hydrochloride, molecular biology grade	59
DNase Agar (01-346)	14, 53	Guanidine Thiocyanate, molecular biology grade	59
DRCM (02-410)	14	GVPC	16
DTM Agar (01-442)	14		
Dyes. Electrophoresis	59	H	
E		Haemophilus Growth Supplement	16
E. E. Broth (Enrichment Enterobacteriaceae Broth) (02-064)	14, 52, 54	Half Fraser Broth	16
EC Broth (E. Coli Broth) (02-060)	15, 50, 52, 55	Hektoen Enteric Agar (01-216)	16, 50, 52
EDTA, Disodium Salt 2 Hydrate, R.G.	59	Hepes, extra pure	59
EDTA, Disodium Salt, molecular biology grade	59	Hepes, Free Acid, molecular biology grade	59
Egg's Yolk Sterile Emulsion	9, 34	Hepes, Sodium Salt, molecular biology grade	59
Egg's Yolk Tellurite Sterile Emulsion	9, 34	Hippurate Test	48
Electrophoresis. Agarose and Acrylamide	59	L-Histidine Hydrochloride Monohydrate, extra pure, Eur. Pharm.	40
Electrophoresis. Buffers for Electrophoresis	59	HTM (Haemophilus Test Medium) (01-706)	16, 50
Electrophoresis. Dyes	59	Hybridization. Buffers for Hybridization	59
Electrophoresis. Reagents for Electrophoresis	59	Hybridization. Reagents for Hybridization	59
EMB Agar (Eosin Methylene Blue Agar) (01-068)	15, 50, 51, 52, 54, 55	Hydrochloric Acid 0,1 N, sol. valorated	48
Endo Agar (01-589)	15, 52, 55	Hydrochloric Acid, Solution 0, 1 mol/L (0,1 N)	40
		Hydrochloric Acid, Solution 1 mol/L (1 N)	40

Culture Media for Microbiology

Product index

Product	Page	Product	Page
H (continue)		L (continue)	
Hydrogen Peroxide 30% (V/V) extremely pure	48	Litsky Azide Broth (02-028)	19
Hydrogen Peroxide, 30% W/W, extra pure	40	Lovett Listeria Broth	53
I		Löwenstein-Jensen Medium (02-627)	19
Immersion Oil, for microscopy	40	Löwenstein-Jensen Pyruvate Medium	19
Indol Test	48	Lyophilized Rabbit Plasma	48
Iodine	34	Lysine Descarboxylase Broth according to Taylor (02-336)	19
Iodine Potassium Iodide Solution	22, 34	Lysine Iron Agar (LIA) (01-094)	19, 50, 52
IPTG, molecular biology grade (Dioxane Free)	59	L-Lysine Monohydrochloride, Synthesis Grade	40
Iron Sulfite Modified Agar (01-634)	16, 51, 53	M	
Iron(III) Chloride Hexahydrate, extra pure	40	MacConkey Agar (01-118)	19, 50, 52, 54, 55
L-Isoleucine, extra pure	40	MacConkey Agar No. 2 (01-682)	20, 52, 55
K		MacConkey Broth (02-118)	20, 52, 54, 55
K Agar (01-674)	17, 52	MacConkey Broth (Eur. Pharm.) (02-611)	20, 52, 54, 55
Kanamycin Disulphate, molecular biology grade	59	MacConkey Sorbitol Agar (SMAC Agar) (01-729)	20, 50, 52
Kanamycin Esculin Azide Agar (KAA Agar) (01-263)	17, 52, 54, 55	MacFarland Standard	48
Kanamycin Esculin Azide Broth(KAA Broth) (02-263)	17, 52	Magnesium Chloride 6 Hydrate, molecular biology grade	59
KF (Kenner Fecal) Agar (01-294)	17, 52, 55	Magnesium Sulphate 7 Hydrate, molecular biology grade	59
King A Agar (P Agar) (01-001)	17, 51, 53, 54, 55	Malt Extract	40
King B Agar (F Agar) (01-029)	17, 51, 54, 55	Malt Extract Agar according to Blakeslee (01-672)	20, 53
Kits for sampling surfaces	56	Malt Extract Agar No. 1 (01-111)	20, 53
Kligler Iron Agar (Kia) (01-103)	17, 50, 52	Malt Extract Agar No. 2 (01-573)	20, 51, 53
Kovac's Reagent	48	Malt Extract Agar No. 3 (01-574)	20, 51, 53
L		Malt Extract Broth No. 1 (02-111)	20, 53
Lactalbumin Hydrolysate	40	Malt Extract Broth No. 2 (02-491)	20, 53
Lactose Broth (02-105)	17, 50, 51, 52, 54, 55	D-Maltose	34, 40
Lactose Gelatin Medium (03-632)	18, 52	Mannitol Salt Agar (01-116)	20, 50, 53, 54, 55
D(+)-Lactose Monohydrate	34, 40	Mannitol Selenite Broth (02-652)	20, 50
Lactose Neutralizing Broth (02-666)	18, 51	(-)-Mannitol, Reagent Grade	34, 40
Lactose Sulfite Broth (02-519)	18, 52, 54	D-(+)-Mannose, for Biochemistry	40
Lactose TTC Sodium Heptadecyl Sulfate Agar (01-053)	18	Marine Agar (01-291)	20, 53, 55
m-Lauryl sulfate Agar (01-524)	18, 55	Maximum Recovery Diluent (MRD) (02-510)	21, 52, 54, 55
Lauryl sulfate MUG Broth (02-527)	18	Meat Extract	40
Lauryl sulfate Tryptose Broth (02-108)	18	Meat Peptone	40
Lauryl sulfate Tryptose Mannitol Tryptophan Broth (02-460)	18	Mercaptoethanol, molecular biology grade	59
LB Agar according to Miller (01-385)	18, 54	Methyl Red Solution	48
LB Broth (02-384)	18, 54	Methyl Red Test	48
LB Broth according to Lennox (02-406)	18, 54	Methyl Red Voges Proskauer Broth (02-207)	21, 50, 52
LB Broth according to Miller (02-385)	18, 54	Methyl Red Voges Proskauer Saline Broth (02-456)	21, 52
Lecithin	40	N, N'-Methylene-Bis-Acrylamide, electrophoresis grade	59
Legionella BCYE Agar (01-687)	18, 50, 51, 55	N, N'-Methylene-Bis-Acrylamide, molecular biology grade	59
Legionella BCYE Agar Without Cysteine	18	Microbial Content Test Agar (01-613)	21, 51
Legionella BCYE Growth Supplement	10, 36	Microinstant Chromogenic Listeria Agar acc. to Ottaviani & Agosti (01-719)	21, 47
Legionella BCYE Selective Agar	18	Mineral Modified Glutamate Agar (01-659)	21, 52
Legionella BCYE W/O Cysteine No Growth Supplement	10, 36	Mineral Modified Glutamate Medium (02-656)	21, 52
Legionella GVPC Selective Supplement	10, 36	MOPS, molecular biology grade	59
Lethen Agar (01-236)	18, 51	Mossel Broth (02-064)	21
Lethen Broth (02-236)	18, 51	Motility Indol Ornithine Fluid Medium (MIO) (03-422)	21, 50
Lethen Modified Agar (01-237)	19, 51	Motility Nitrate Medium (03-612)	21, 52
Lethen Modified Broth (02-237)	19, 51	MRS Agar (01-135)	21, 51, 53
L-Leucine, extra pure, Eur. Pharm., USP	40	MRS Broth (02-135)	21, 50, 53, 55
Levine Agar (01-068)	19	MRVP Broth (Methyl Red Voges Proskauer Broth) (02-207)	21
Liebermeister & Braveny Agar (01-446)	19, 50	MRVP Saline Broth (Methyl Red Voges Proskauer Saline Broth) (02-456)	21
Listeria Agar according to Ottaviani & Agosti	19, 47	Mueller-Hinton Agar (01-136)	22, 50, 54
Listeria Enrichment Broth according to Fraser (02-496)	19, 53	Mueller-Hinton Broth (02-136)	22, 50
Listeria Enrichment Broth according to Lovett (02-498)	19, 53	MUG Fluorescent Supplement	36
Listeria Enrichment Broth UVM (02-472)	19, 53	Müller-Kauffmann Tetrathionate Broth (02-335)	22, 50, 53
Listeria Oxford Agar (01-471)	19	MYP Agar (01-262)	22
Listeria Palcam Agar (01-470)	19	N	
Listeria Selective Supplement for Enrichment (FDA and IDF/FIL)	38	Nalidixic Acid Selective Supplement	13, 38
Listeria Selective Supplement for Primary Enrichment (UVM I)	32, 38	Nessler, Reagent	49
Listeria Selective Supplement for Primary Enrichment Half Fraser	15, 38	Neutralizing Fluid (02-512)	22, 54
Listeria Selective Supplement for Secondary Enrichment (Uvm II/Fraser)	15, 32, 38	Neutralizing Special Broth (02-583)	22, 51, 54
Lithium Chloride, molecular biology grade	59	Nickerson Agar (Biggy Agar) (01-137)	22, 50, 51
		Ninhydrin Developer	48

Product	Page	Product	Page
N (continue)		P (continue)	
Nitrate Broth (02-138)	22, 52	Preston Campylobacter Agar (01-451)	24, 52
Nitrate Reagent A	49	Preston Campylobacter Broth (02-561)	24, 52
Nitrate Reagent B	49	Proteose Peptone No. 3	40
Nitrate Test	49	PSB (Peptone Sorbitol Bile Broth)	24
Novobiocine Selective Supplement (10mg)	25, 28, 31, 36, 38	Pseudomonas Selective Agar Base (01-160)	24
Nutrient Agar (01-140)	22, 50, 54, 55	Pseudomonas Agar Base (01-728)	25
Nutrient Agar (APHA) (01-144)	22, 51, 53, 55	Purple Broth Base (02-663)	24, 53
Nutrient Agar (ISO) (01-635)	22, 53	Purple Maximum Recovery Diluent (02-631)	25, 52
Nutrient Agar No. 2 (01-451)	22		
Nutrient Broth (02-140)	22, 54		
Nutrient Broth (APHA) (02-144)	23, 53, 54, 55		
O		R	
O'Meara Reagent (B)	49	R2A Agar (01-540)	25, 54, 55
OGYE Agar (01-275)	23	D(+)-Raffinose Pentahydrate, for biology	40
ONPG-FDA-MUG-Indol Test	49	Rambach™ Agar (Salmonella)	42
Orange Serum Agar (OSA) (01-698)	23, 52	Rambaquick™ Salmonella	42
L-Ornithine Hydrochloride, extra pure	40	Rappaport Vassiliadis Broth (02-379)	25, 50, 53
Ornithine Test	49	Rappaport Vassiliadis Modified Semi-Solid Medium (03-376)	25, 53
Oxford Agar (01-471)	23, 53	Rappaport Vassiliadis Salmonella Enrichment Broth (02-668)	25, 54, 55
Oxford Agar Selective Supplement	23, 38	Reagents for biochemical tests	48
Oxford Towers Scharlau	49	Reagents for electrophoresis	59
Oxidase Test	49	Reagents for hybridization	59
Oxidation-Fermentation Fluid Medium Base (O/F Medium) (03-037)	23, 50	Reagents for molecular biology	59
Oxytetracycline Selective Supplement	26, 38	Reinforced Clostridial Agar (RCA) (01-289)	25, 50, 52, 55
		Reinforced Clostridial Medium (RCM) (03-289)	25, 52, 54
		D(-)-Ribose, extra pure	40
		Ringer Solution (06-073)	25
		RNA/DNA Extraction	59
		Rose Bengal Agar (01-301)	25, 51, 53, 55
		Rosolic Acid, C.I. 43800, indicator, for microscopy	40
		Rothe Azide Broth (02-027)	25
		RPF Supplement	38
		S	
		Sabouraud Broth (02-165)	26, 53, 54
		Sabouraud Chloramphenicol Actidione Agar	26
		Sabouraud Chloramphenicol Agar (01-166)	26, 50, 51, 53, 54, 55
		Sabouraud Chloramphenicol Penase Agar	26
		Sabouraud Dextrose Agar (01-165)	26, 50, 51, 53, 54, 55
		Sabouraud Oxytetracycline Agar (OGYE) (01-275)	26, 51, 53, 54
		D(+)-Saccharose, extra pure	34, 40
		Sakazaki Agar (01-744)	26, 47
		D-Salicin, for Biochemistry	40
		Saline Peptone Water (02-510)	26
		Saline Solution	26
		Salmonella Shigella Agar (SS Agar) (01-555)	26, 50, 53
		SDS, molecular biology grade	59
		Listeria Enrichment according to FDA and IDF Selective Supplement	19
		Listeria for Primary Enrichment Selective Supplement (Half Fraser)	15
		Selenite Broth (02-598)	27, 50, 53
		Selenite Cystine Broth (02-602)	27, 50, 53, 54, 55
		Sensitivity Test Agar (Sta) (01-655)	27, 50
		L-Serine, extra pure	40
		Shigella Broth (02-662)	27, 53
		SIM Medium (03-176)	27, 50, 52
		Simmons Citrate Agar (01-177)	27, 50
		Skimmed Milk (06-019)	34, 40
		Skirrow Selective Medium	27
		Slanetz Bartley Agar (01-579)	27, 52, 55
		Sodium Acetate Anhydrous, molecular biology grade	59
		Sodium Biselenite (Additive) (S00160)	20, 34
		Sodium Chloride, molecular biology grade	59
		Tri-Sodium Citrate Dihydrate, molecular biology grade	59
		Sodium Deoxycholate	40
		Sodium Di-Hydrogen Phosphate 1 Hydrate, molecular biology grade	59
		Sodium Disulfite (Sodium Meta-Bisulfite) for Bacteriology	36
		Di-Sodium Hydrogenophosphate Anhydrous, molecular biology grade	59
		Sodium L-Glutamate Monohydrate, extra pure	21, 40

Culture Media for Microbiology

Product index

Product	Page	Product	Page
S (continue)		T (continue)	
Sodium Metabisulfite Selective Supplement	18	TSA Penase	30
Sodium Pyruvate	40	TSB (Tryptic Soy Broth) (02-200)	30, 31
Sorbitol MacConkey Agar (SMAC Agar) (01-729)	27	TSB Irradiated (02-575)	30
D(-)-Sorbitol, extra pure	40	TSB Lecithin & Polysorbate 80 (02-613)	31, 51
Soy Peptone	40	TSB Modified (02-691)	31
Soybean Casein Lecithin Polysorbate 80 Medium (02-613)	27, 31, 51	TSB Penase Broth	31
Sporulating Agar (01-069)	8, 27, 54	TSB without Dextrose (02-227)	31
SPS Agar (01-050)	28	TSC (Tryptose Sulfite Cycloserine Agar) (01-278)	31
SS Agar (01-555)	28	TSI (Triple Sugar Iron Agar) (01-192)	31
SSC 20X Buffer, molecular biology grade	59	TSN (Tryptone Sulfite Neomycin Agar) (01-195)	31
SSPE 20X Buffer, molecular biology grade	59	TTC Sterile Solution (06-023)	12, 17, 27, 34
Stuart Ringertz Transport Medium (03-454)	28, 50	Tween 20, molecular biology grade	59
Sucrose, extra pure	34, 59	L-Tyrosine, extra pure	40
Sucrose, molecular biology grade	59		
Surface-Sponge-Kit	57	U	
Surface-Swab-Kit	57	Urea & Indol Broth (03-084)	31
T		Urea Agar (01-261)	31, 50, 52
T.D.A. (Tryptophan Deaminase Activity) Test and Deamination of Phenylalanine Test	49	Urea Broth (02-202)	32, 50
TAE 10X Buffer, molecular biology grade	59	Urea, molecular biology grade	59
TBA (Tryptone Bile Agar) (01-526)	28	Urea, Sterile Solution 40% (06-083)	31, 32, 34
TBE 5X Buffer, molecular biology grade	59	UVM Listeria Enrichment Broth (02-472)	19, 32
TBX Agar (01-619)	28, 47		
TCBS Agar (01-567)	28, 50, 53, 55	V	
Temed, r.g.	59	L-Valine, extra pure	40
Tergitol® 7 Agar (01-053)	28	Vaseline, Sterile (06-077)	34
Tetracycline Hydrochloride, biochemical purposes	59	VCAT Selective Supplement	16, 38
Tetrathionate Bile Brilliant Green Broth (Eur. Pharm.) (02-629)	28	VCNT Selective Supplement	16, 38
Tetrathionate Müller-Kauffmann Medium (02-335)	28	Violet Red Bile Agar (Vrb Agar)	51, 52, 54, 55
Tetrathionate Bile Brilliant Green Broth Base (Eur. Pharm.)	53, 54	Violet Red Bile Dextrose Agar (Vrbd Agar)	51, 52, 55
TGE Agar (Tryptone Glucose Extract Agar) (01-082)	28	Violet Red Bile Lactose Dextrose Agar (Eur. Phar. Medium F)	54
Thayer-Martin Agar	16, 28	Vogel Johnson Agar (01-206)	32, 50, 51, 53, 54
Thioglycollate Broth (02-186)	29, 50, 54	Voges Proskauer Test	49
Thioglycollate Fluid Medium (03-187)	29, 52, 54	VRB Agar (Violet Red Bile Agar) (01-164)	32
Thioglycollate Penase Medium Fluid	29	VRBD (Violet Red Bile Dextrose Agar) (01-295)	32
Todd-Hewitt Broth (02-191)	29, 50	VRBLD (Violet Red Bile Lactose Dextrose Agar) (01-220)	32
Transgrow Agar	16		
D-Trehalose, for bacteriology	40	W	
Triple Sugar Iron Agar (01-192)	29, 50, 52, 54	WL Nutrient Agar (01-210)	32, 53
Tris Base, molecular biology grade	59	Wort Agar (01-132)	33, 53
Tris-HCl, molecular biology grade	59	Wort Broth (02-132)	33, 53
Tris, extra pure	59		
Triton X-100, molecular biology grade	59	X	
Triton® X-100, extra pure	40	X-Gal, biochemical purposes	59
Tryptic Soy Agar (TSA)	50, 51, 53, 54, 55	XLD Agar (Xylose Lysine Deoxycholate Agar) (01-211)	33, 50, 54, 55
Tryptic Soy Broth (TSB)	50, 51, 52, 54	XLD Modified Agar (Xylose Lysine Deoxycholate Modified Agar) (01-552)	33, 50, 53
Tryptic Soy Broth Irradiated	54	XLT4 Agar (01-708)	33
Tryptic Soy Broth Modified	50, 52	XLT4 Selective Supplement	33, 38
Tryptic Soy Broth without Dextrose	52, 55	D-(+)-Xylose, extra pure	40
Tryptone Bile Agar (01-526)	29, 55		
Tryptone Bile Glucuronic (01-526)	29, 52, 55	Y	
Tryptone Glucose Extract Agar (TGE Agar)	53, 55	Yeast Extract	40
Tryptone Phosphate Water (02-277)	29	Yeast Malt Agar	51, 53
Tryptone Sulfite Neomycin Agar (TSN Agar)	52, 55	Yeast Starch Glucose Agar	52
Tryptone Water (03-156)	29, 52	Yeast Starch Glucose Broth	52
Tryptone Water pH 7, 5 (03-577)	29, 55	YEPD Broth (Yeast Extract, Peptone and Dextrose Broth) (02-473)	33, 54
Tryptone Yeast Extract Agar (01-590)	29, 55	Yersinia Cin Agar (01-444)	33
Tryptophan Broth (02-418)	29, 55	Yersinia Cin Agar Base	50, 53
L-Tryptophan, extra pure	40	Yersinia Selective Supplement	33, 38
Tryptose	40	YGC	33
Tryptose Lauryl sulfate Broth (02-108)	29, 50, 52, 55	YM Agar (Yeast Malt Agar) (01-219)	33
Tryptose Lauryl sulfate Mannitol Tryptophan Broth (02-460)	30, 55	YM Broth (Yeast Malt Broth) (02-219)	33
Tryptose Sulfite Cycloserine Agar (TSC Agar)	52, 55	YSG Agar (Yeast Starch Glucose Agar) (01-673)	33
TSA (Tryptic Soy Agar) (01-200)	30	YSG Broth (Yeast Starch Glucose Broth) (02-673)	33
TSA β-Lactamase	30		
TSA Lecithin & Polysorbate (01-613)	30	Z	
		Zinc Chloride, molecular biology grade	40, 49, 59

Culture Media for Microbiology

Reference index

Art. No	Page	Art. No	Page	Art. No	Page	Art. No	Page
000ST160-1	43	01-057-500	14	01-195BA05	31	01-352-500	11
00000X079	45	01-057BA05	14	01-200	30, 50, 51, 53, 54, 55	01-352BA05	11
00000X056	43	01-068	15, 19, 50, 51, 52, 54, 55	01-200-500	30	01-366	12, 53
00000BC732	45	01-068-500	15	01-200BA05	30	01-366-500	12
00000CA222	45	01-068BA05	15	01-203	10, 11, 50, 53, 54	01-366BA05	12
00000CA223	45	01-069	8, 27, 54	01-203-500	10	01-385	18, 54
00000EC168	43	01-069-500	27	01-203BA05	10	01-385-500	18
00000EC169	43	01-082	28, 53, 55	01-206	32, 50, 51, 53, 54	01-385BA05	18
00000EE222	44	01-082-500	28	01-206-500	32	01-412	24, 53
00000EE223	44	01-083	23, 24, 50	01-206BA05	32	01-412-500	24
00000EF322	43	01-083-500	23	01-210	32, 36, 53	01-412BA05	24
00000EF323	43	01-083BA05	23	01-210-500	32	01-430	54
00000EL382	43	01-094	19, 50, 52	01-211	33, 50, 54, 55	01-430-500	8
00000ES372	45	01-094-500	19	01-211-500	33	01-434	54
00000KP102	45	01-094BA05	19	01-216	16, 50, 52	01-434-500	8
00000LK970	41	01-103	17, 50, 52	01-216-500	16	01-442	14, 50
00000LM852	41	01-103-500	17	01-216BA05	16	01-442-500	14
00000MR502	45	01-103BA05	17	01-219	33, 51, 53	01-442BA05	14
00000MR513	45	01-111	20, 53	01-219-500	33	01-444	13, 33, 38, 50, 53
00000PS822	44	01-111-500	20	01-220	32, 36, 54	01-444-500	33
00000RR701	42	01-111BA05	20	01-220-500	32	01-444BA05	33
00000RR703	42	01-116	12, 20, 50, 53, 54, 55	01-236	18, 51	01-446	19, 50
00000RT412	45	01-116-500	20	01-236-500	18	01-446-500	19
00000RT413	45	01-116BA05	20	01-237	19, 51	01-451	12, 22, 24, 36, 52
00000SA162	42	01-118	19, 36, 50, 52, 54, 55	01-237-500	19	01-451-500	24
00000SB282	46	01-118-500	19	01-237BA05	19	01-470	19, 23, 53
00000SB283	46	01-118BA05	19	01-261	31, 50, 52	01-470-500	23
00000SQ001	42	01-132	33, 53	01-261-500	31	01-470BA05	23
00000TA653	44	01-132-500	33	01-261BA05	31	01-471	19, 23, 38, 53
00000TA672	44	01-135	21, 51, 53	01-262	9, 22, 36, 50, 52	01-471-500	23
00000VB912	44	01-135-500	21	01-262-500	9	01-471BA05	23
00000VR952	46	01-135BA05	21	01-263	17, 52, 54, 55	01-483	24, 50, 53, 54
00000VR953	46	01-136	22, 50, 54	01-263-500	17	01-483-500	24
01-001	17, 23, 51, 53, 54, 55	01-136-500	22	01-265	11, 15, 52	01-483BA05	24
01-001BA05	17	01-136BA05	22	01-265-500	11	01-485	14, 53
01-001-500	17	01-137	10, 22, 50, 51	01-265BA05	11	01-485-500	14
01-007	8, 55	01-137-500	22	01-275	23, 26, 38, 51, 53, 54	01-487	9, 23, 36, 52
01-007-500	8	01-137BA05	22	01-275-500	26	01-487-500	9
01-009	54	01-140	22, 50, 54, 55	01-275BA05	26	01-502	16, 52
01-009-500	8	01-140-500	22	01-278	31, 36, 52, 55	01-502-500	16
01-009BA05	8	01-140BA05	22	01-278-500	31	01-502BA05	16
01-016	54	01-144	22, 51, 53, 55	01-278BA05	31	01-505	11, 36, 50, 53
01-016-500	8	01-144-500	22	01-287	15	01-505-500	11, 27
01-017	54	01-144BA05	22	01-289	25, 50, 52, 55	01-505BA05	11
01-017-500	8	01-160	12, 24, 53, 54, 55	01-289-500	25	01-513	13, 36, 55
01-017BA05	8	01-160-500	12	01-291	20, 53, 55	01-513-500	13
01-026	53	01-160BA05	12	01-291-500	20	01-513BA05	13
01-026-500	8	01-161	23, 24, 50, 51, 53, 54, 55	01-294	17, 52, 55	01-524	18, 55
01-029	15, 17, 51, 54, 55	01-161-500	24	01-294-500	17	01-524-500	18
01-029-500	17	01-161BA05	24	01-295	32, 51, 52, 54	01-526	28, 29, 55
01-029BA05	17	01-164	32, 36, 51, 52, 54, 55	01-295-500	32	01-526-500	28
01-030	9, 38, 50, 51, 53, 54	01-164-500	32	01-295BA05	32	01-526BA05	28
01-030-500	9	01-164BA05	32	01-301	25, 51, 53, 55	01-540	25, 54, 55
01-030BA05	9	01-165	26, 38, 50, 51, 53, 54, 55	01-301-500	25	01-540-500	25
01-034	11, 13, 36, 38, 50, 54	01-165-500	26	01-301BA05	25	01-540BA05	25
01-034-500	11, 27	01-165BA05	26	01-309	10, 11, 53, 55	01-729	20, 27, 36, 50, 52
01-034BA05	11	01-166	26, 50, 51, 53, 54, 55	01-309-500	10	01-729-500	27
01-047	11, 13, 50	01-166-500	26	01-309BA05	10	01-729BA05	27
01-047-500	13	01-166BA05	26	01-310	16, 38, 50	01-545	54
01-047BA05	13	01-177	27, 50	01-310-500	16	01-552	33, 50, 53
01-050	28, 51, 52, 55	01-177-500	27	01-329	24, 51	01-552-500	33
01-050-500	28	01-177BA05	27	01-329-500	24	01-552BA05	33
01-050BA05	28	01-192	29, 31, 50, 52, 54	01-329BA05	24	01-555	26, 28, 50, 53
01-053	12, 18, 28, 52, 55	01-192-500	31	01-346	14, 53	01-555-500	26
01-053-500	12	01-192BA05	31	01-346-500	14	01-555BA05	26
01-053BA05	12	01-195	31, 52, 55	01-346BA05	14	01-556	14, 52
01-057	14, 50, 52, 55	01-195-500	31	01-352	11, 36, 38, 50, 53	01-556-500	14

Culture Media for Microbiology

Reference index

Art. No	Page	Art. No	Page	Art. No	Page	Art. No	Page
01-567	28, 50, 53, 55	01-673-500	33	02-118	20, 36, 52, 54, 55	02-379BA05	25
01-567-500	28	01-673BA05	33	02-118-500	20	02-384	18, 54
01-567BA05	28	01-674	17, 52	02-118BA05	20	02-384-500	18
01-573	20, 51, 53	01-674-500	17	02-132	33, 53	02-385	18, 54
01-573-500	20	01-674BA05	17	02-132-500	33	02-385-500	18
01-573BA05	20	01-675	9	02-135	21, 50, 53, 55	02-385BA05	18
01-574	20, 51, 53	01-675	9, 52	02-135-500	21	02-406	18, 54
01-574-500	20	01-675-500	9	02-135BA05	21	02-406-500	18
01-574BA05	20	01-675BA05	9	02-136	22, 50	02-410	14, 50, 52, 55
01-579	15, 27, 52, 55	01-680	13, 54	02-136-500	22	02-410-500	14
01-579-500	27	01-680-500	13	02-136BA05	22	02-418	29, 55
01-579BA05	27	01-680BA05	13	02-138	22, 52	02-418-500	29
01-589	15, 36, 52, 55	01-682	20, 52, 55	02-138-500	22	02-456	21, 52
01-589-500	15	01-682-500	20	02-140	22, 54	02-456-500	21
01-589BA05	15	01-685	12, 36, 52	02-140-500	22	02-460	18, 30, 55
01-590	29, 55	01-685-500	12	02-140BA05	22	02-460-500	30
01-590-500	29	01-685BA05	12	02-144	23, 53, 54, 55	02-468	8, 53
01-590BA05	29	01-687	10, 18, 36, 50, 51, 55	02-144-500	23	02-468-500	8
01-592	11, 52, 55	01-687-500	10	02-144BA05	23	02-472	19, 32, 38, 53
01-592-500	11	01-687BA05	10	02-165	26, 53, 54	02-472-500	32
01-592BA05	11	01-692	16, 51	02-165-500	26	02-472BA05	32
01-599	10, 51, 53, 55	01-692-500	16	02-165BA05	26	02-473	33, 54
01-599-500	10	01-695	12, 13, 36, 47, 51, 52, 55	02-186	29, 50, 54	02-473-500	33
01-599BA05	10	01-695-500	13, 47	02-186-500	29	02-483	24, 53, 54
01-609	12, 13, 38, 50, 51, 53, 55	01-695BA05	13, 47	02-186BA05	29	02-483-500	24
01-609-500	13	01-698	23, 52	02-191	29, 50	02-483BA05	24
01-609BA05	13	01-698-500	23	02-191-500	29	02-491	20, 53
01-610	14, 51	01-703	11, 13, 50	02-200	30, 50, 51, 52, 54	02-491-500	20
01-610-500	14	01-703-500	13	02-200-500	30	02-494	12, 23, 54
01-613	21, 30, 51	01-706	16, 50	02-200BA05	30	02-494-500	12
01-613-500	30	01-706-500	16	02-202	32, 50	02-494BA05	12
01-613BA05	30	01-719	21, 47	02-202-500	32	02-496	15, 19, 38, 53
01-618	13, 36, 47, 52, 55	01-719-10L	21, 47	02-207	21, 50, 52	02-496-500	15
01-618-500	13, 47	01-719BA05	21, 47	02-207-500	21	02-496BA05	15
01-618BA05	13, 47	01-744	26, 47	02-207BA05	21	02-498	19, 38, 53
01-619	28, 47, 52, 55	01-744-500	26, 47	02-219	33	02-498-500	19
01-619-500	28, 47	01-744BA05	26, 47	02-219-500	33	02-498BA05	19
01-619BA05	28, 47	02-007	8, 55	02-227	31, 52, 55	02-510	21, 23, 26, 52, 54, 55
01-633	16, 53, 55	02-007-500	8	02-227-500	31	02-510-500	21
01-633-500	16	02-011	54	02-227BA05	31	02-510BA05	21
01-634	16, 51, 53	02-011-500	8	02-230	16, 53	02-512	22, 54
01-634-500	16	02-027	9, 25, 52, 54	02-230-500	16	02-512-500	22
01-634BA05	16	02-027-500	9	02-230BA05	16	02-512BA05	22
01-635	22, 53	02-028	15, 19, 55	02-236	18, 51	02-519	18, 36, 52, 54
01-635-500	22	02-028-500	15	02-236-500	18	02-519-500	18
01-635BA05	22	02-032	23, 50, 54	02-236BA05	18	02-527	18
01-654	15, 51	02-032-500	23	02-237	19, 51	02-539	12, 51, 54
01-654-500	15	02-041	10, 11, 36, 50, 52, 55	02-237-500	19	02-539-500	12
01-654BA05	15	02-041-500	10	02-237BA05	19	02-539BA05	12
01-655	27, 50	02-041BA05	10	02-257	10, 13, 51	02-561	12, 24, 52, 36
01-655-500	27	02-060	15, 36, 50, 52, 55	02-257-500	10	02-561-500	24
01-655BA05	27	02-060-500	15	02-257BA05	10	02-568	12, 23, 24, 52
01-657	14, 53	02-060BA05	15	02-263	17, 52	02-568-500	24
01-657-500	14	02-064	14, 21, 52, 54	02-263-500	17	02-575	30, 54
01-657BA05	14	02-064-500	14	02-271	8, 55	02-575-500	30
01-659	21, 52	02-064BA05	14	02-271-500	8	02-583	22, 51, 54
01-659-500	21	02-093	16, 52	02-271BA05	8	02-583-500	22
01-659BA05	21	02-093-500	16	02-277	11, 23, 29, 50, 52	02-598	50, 53, 55
01-664	53	02-093BA05	16	02-277-500	11	02-598-500	27
01-664-500	13	02-105	17, 36, 50, 51, 52, 54, 55	02-277BA05	11	02-598BA05	27
01-664BA05	13	02-105-500	17	02-335	22, 28, 38, 50, 53	02-599	10, 50, 53, 55
01-665	8, 53	02-105BA05	17	02-335-500	22	02-599-500	10
01-665-500	8	02-108	18, 29, 36, 50, 52, 55	02-335BA05	22	02-599BA05	10
01-665BA05	8	02-108-500	29	02-336	14, 19, 52	02-602	27, 50, 53, 54, 55
01-672	20, 53	02-108BA05	29	02-336-500	14	02-602-500	27
01-672-500	20	02-111	20, 53	02-379	25, 50, 53	02-602BA05	27
01-673	33, 52	02-111-500	20	02-379-500	25	02-610	14, 51

Culture Media for Microbiology

Reference index

Art. No	Page	Art. No	Page	Art. No	Page	Art. No	Page
02-610-500	14	03-422	21, 50	06-124-LYO	13, 38	064-BA2143	20
02-610BA05	14	03-422-500	21	06-124CASE	13, 38	064-BA2144	14
02-611	20, 36, 52, 54, 55	03-428	8, 55	06-125-LYO	13, 36	064-BA3018	18
02-611-500	20	03-428-500	8	06-126-LYO	36	064-BA3019	18
02-611BA05	20	03-454	28, 50	06-127-LYO	23, 38	064-BA3021	12
02-613	27, 31, 51	03-454-500	28	06-128-008	24, 27, 36	064-BA3029	17
02-613-500	31	03-454BA05	28	06-130-LYO	24, 36	064-BA3031	10
02-627-500	19	03-577	29, 55	06-131-LYO	11, 36	064-BA3034	25
02-629	28, 38, 53, 54	03-577-500	29	06-132-LYO	27, 36	064-BA3038	24
02-629-500	28	03-612	21, 52	06-133-LYO	12, 36	064-BA3039	26
02-629BA05	28	03-612-500	21	06-134-LYO	10, 36	064-BA3051	25
02-631	25, 52	03-612BA05	21	06-135-LYO	24, 36	064-BA3057	24
02-631-500	25	03-632	18, 52	06-136-LYO	15, 38	064-BA3058	31
02-631BA05	25	03-632-500	18	06-137-LYO	10, 36	064-BA3059	29
02-633	16, 55	03-632BA05	18	06-138-LYO	10, 36	064-BA4010	11
02-633-500	16	03-643	12, 50	06-139-LYO	25, 31, 36, 38	064-BA5001	15
02-633BA05	16	03-643-500	12	06-140-LYO	13, 36, 47	064-BA5002	15
02-652	20, 50	03-643BA05	12	06-141-LYO	16, 38	064-BA6000	11
02-652-500	20	05-012UNID	49	06-142-LYO	16, 38	064-BA6011	11
02-652BA05	20	06-003-100	48	06-143-LYO	33, 38	064-BA6012	11
02-654	15, 55	06-004-100	48	06-144-LYO	16, 38	064-BA6016	31
02-654-500	15	06-011	34	06-145-LYO	15, 38	064-BA6020	31
02-656	21, 52	06-011-100	32, 34	06-146-LYO	27, 36	064-BA6041	32
02-656-500	21	06-013-LYO	38	06-147-LYO	28, 38	064-BA6043	30
02-656BA05	21	06-013CASE	38	06-155-LYO	16	064-BA6045	15
02-662	27, 53	06-016-100	9, 34	06-607-LYO	15, 36	064-BA6062	12
02-662-500	27	06-017-LYO	22, 38	064-AG0P25	58	064-BA6063	12
02-662BA05	27	06-017CASE	22, 38	064-AG0R25	58	064-BA6064	12
02-663	24, 53	06-019	34	064-BA0013	29	064-BA6065	8
02-663-500	24	06-019-500	34, 40	064-BA0027	28	064-BA6073	14
02-663BA05	24	06-021-LYO	9, 36	064-BA01-2	11	064-BA6079	10
02-666	18, 51	06-021CASE	9, 36	064-BA01-3	11	064-BA7035	23
02-666-500	18	06-022-LYO	36	064-BA01-5	11	064-BA7066	24
02-666BA05	18	06-022CASE	36	064-BA0103	23	064-BA9992	12
02-668	25, 54, 55	06-023	34	064-BA02-2	15	064-BACOLI	13, 47
02-668-500	25	06-023-100	12, 17, 27, 34	064-BA02-3	15	064-CL0039	48
02-668BA05	25	06-026-100	9, 34	064-BA02-5	15	064-CL0046	49
02-673	33, 52	06-073	25	064-BA03-2	30	064-PA0007	21
02-673-500	33	06-073-500	25	064-BA03-3	30	064-PA0008	9
02-675	9, 52	06-077	34	064-BA03-5	30	064-PA0012	14
02-675-500	9	06-077-100	34	064-BA04-2	21	064-PA0015	24
02-675BA05	9	06-083	34	064-BA0485	32	064-PA0017	10
02-688	11, 12, 36, 52	06-083-100	31, 32, 34	064-BA0486	11	064-PA0018	22
02-688-500	11	06-089	34	064-BA0733	21	064-PA0019	19
02-688BA05	11	06-089-100	16, 32, 34	064-BA0945	28, 47	064-PA0024	24
02-691	31, 36, 38, 50, 52	06-102-LYO	36	064-BA0RPF	9	064-PA0025	26
02-691-500	31	06-102CASE	36	064-BA1003	19	064-PA0026	26
02-697	8, 23, 53, 55	06-106-LYO	32, 38	064-BA1004	22	064-PA0027	20
02-697-500	8	06-106CASE	32, 38	064-BA1005	24	064-PA0029	28
03-037	23, 50	06-107-LYO	19, 38	064-BA1006	26	064-PA0031	30
03-037-500	23	06-107CASE	19, 38	064-BA1007	26	064-PA0032	9
03-084	31	06-110-LYO	23, 38	064-BA1008	30	064-PA0034	33
03-156	23, 29, 52	06-110CASE	23, 38	064-BA1009	25	064-PA0055	30
03-156-500	29	06-111-LYO	15, 32, 38	064-BA1011	32	064-PA0038	25
03-156BA05	29	06-111CASE	15, 32, 38	064-BA1012	30	064-PA0144	24
03-176	27, 50, 52	06-112-LYO	15, 38	064-BA1022	10	064-PA0045	10
03-176-500	27	06-113-LYO	18, 36	064-BA1023	29	064-PA0046	32
03-176BA05	27	06-113CASE	18, 36	064-BA1024	22	064-PA0047	19
03-187	29, 52, 54	06-114-LYO	18, 36	064-BA1026	29	064-PA0049	32
03-187-500	29	06-114CASE	18, 36	064-BA1028	9	064-PA0050	12
03-187BA05	29	06-115-LYO	26, 38	064-BA1032	12	064-PA0050	30
03-289	25, 52, 54	06-115CASE	26, 38	064-BA1033	9	064-PA0062	32
03-289-500	25	06-116-LYO	31, 36	064-BA1035	22	064-PA0063	33
03-289BA05	25	06-116CASE	31, 36	064-BA2022	10	064-PA0067	26
03-376	25, 36, 38, 53	06-118-LYO	26, 38	064-BA2120	24	064-PA0069	10
03-376-500	25	06-118CASE	26, 38	064-BA2128	26	064-PA0070	23
03-376BA05	25	06-119-025	49	064-BA2130	21	064-PA0073	28

Culture Media for Microbiology

Reference index

Art. No	Page	Art. No	Page	Art. No	Page	Art. No	Page
064-PA0076	45	064-PR0031	20	064-TA0261	21	07-489-500	40
064-PA0080	44	064-PR0037	26	064-TA0325	24	07-490-500	40
064-PA0082	42	064-PR0038	30	064-TA0451	29	07-515-500	40
064-PA0083	42	064-PR0039	24	064-TA0485	32	07-525-500	40
064-PA0084	21, 47	064-PR0040	30	064-TA0846	18	07-620-500	40
064-PA0134	30	064-PR0041	24	064-TA0847	29	07-625-500	40
064-PA0137	26	064-PR0042	26	064-TA1024	22	QBA1012-90	30
064-PA0138	30	064-PR0050	30	064-TA1125	15	OBA2145-90	19
064-PA0139	30	064-PR0061	30	064-TA1198	25	OBA3024-90	17
064-PA0145	9	064-PR0062	26	064-TA2115	28	OBA3029-90	17
064-PA0146	26, 47	064-PR0063	25	064-TA2120	25	OBA3929-90	17
064-PA0147	26	064-TA0013	29	064-TA2127	48	QTA2151-10	12
064-PA0172	25	064-TA0073	21	064-TA2135	20	OX074-X076	46
064-PA0945	28, 47	064-TA0100	11	064-TA2141	17	AC00310100	40
064-PA1035	33	064-TA0102	11	064-TA2142	17	AC0402	59
064-PA3124	26	064-TA0103	23	064-TA2144	22	AC0406	59
064-PA3134	11	064-TA0104	23	064-TA2146	25	AC0580	59
064-PA3135	26	064-TA0105	26	064-TA2147	30	AC0726	59
064-PA3136	30	064-TA0106	27	064-TA2148	26	AC07441000	40
064-PA3144	27	064-TA0107	32	064-TA2150	9	AC07461000	40, 49
064-PA6000	31	064-TA0110	28	064-TA2151	12	AC0965	59
064-PA6001	10	064-TA0112	23	064-TA2155	29	AC0967	59
064-PA6006	30	064-TA0113	30	064-TA2156	31	AC19900010	40
064-PA6015	13, 47	064-TA0114	48	064-TA2157	48	AC3343	59
064-PA608T	30	064-TA0115	29	064-TA2159	25	AC3345	59
064-PA7035	23	064-TA0116	17	064-TA2160	26	AG0030	59
064-PF0001	22	064-TA0117	19	064-TA2161	28	AG0031	59
064-PF0002	28	064-TA0119	21	064-TA5002	15	AG0032	59
064-PF0003	12	064-TA0120	29	064-TA6020	31	AG0034	59
064-PF0004	27	064-TA0121	30	064-TA6070	19	AG0036	59
064-PF0005	13	064-TA0128	22	064-TA6074	21	AM0271	59
064-PF0006	26	064-TA0129	23	064-TA8271	58	AM02730500	21
064-PF0007	24	064-TA0131	49	064-TA8272	58	AM02730500	40
064-PF0008	11	064-TA0132	48	064-TA8273	58	AM0274	59
064-PF0009	15	064-TA0134	29	064-TA8274	58	AM0371	59
064-PF0013	29	064-TA0135	26	064-TA8275	58	AM0401	59
064-PF0014	28	064-TA0136	26	064-TA8276	58	AR00500005	40
064-PF0018	31	064-TA0138	27	064-V00014	57	AR01250050	40
064-PF0022	26	064-TA0143	10	064-V00016	57	AS00150025	40
064-PF0024	15	064-TA0144	31	064-V00017	56	BI0090	59
064-PF0025	20	064-TA0145	48	064-V00018	56	BI0091	59
064-PF0026	30	064-TA0147	32	064-V00019	57	CA0198	59
064-PF0030	13	064-TA0148	31	064-V00020	57	CE0121	59
064-PF0072	25	064-TA0149	48	064-V11108	22, 34	CI01450500	40, 48
064-PF0089	16	064-TA0150	48	064-V11111	34	CI0155	59
064-PF1007	12	064-TA0152	10	064PA0024I	24	CI03050025	40
064-PF1015	13, 47	064-TA0153	48	064PA0025I	26	CL0025	59
064-PF6015	13, 47	064-TA0155	9, 38	064PA0026I	26	DI1360	59
064-PLA-C0	48	064-TA0157	29	064PA0031I	30	ES47045100	100
064-PR0001	24	064-TA0158	9	064PA0072I	25	ET00021000	40
064-PR0002	26	064-TA0163	27	064PA0075I	30	ET0011	59
064-PR0003	26	064-TA0165	19	064PF0030C	13	ET00131000	40
064-PR0004	30	064-TA0166	19	064TA0125L	14	ET0108	59
064-PR0005	30	064-TA0173	21	07-004-500	40	ET0109	59
064-PR0006	32	064-TA0177	31	07-039-500	40	FE0484	59
064-PR0007	25	064-TA0179	10	07-075-500	40	FI0009	59
064-PR0008	9	064-TA0189	14	07-079-500	40	FO0011	59
064-PR0009	12	064-TA0190	16	07-080-500	40	FO0012	59
064-PR0011	19	064-TA0191	16	07-119-500	40	F00026	59
064-PR0012	16	064-TA0193	14	07-151-500	40	F00027	59
064-PR0013	30	064-TA0197	17	07-152-500	40	FU00600025	40
064-PR0015	20	064-TA0198	25	07-153-500	40	GE00200250	40
064-PR0018	32	064-TA0199	24	07-154-500	40	GL00261000	12, 17, 21, 40
064-PR0020	24	064-TA0201	25	07-155-500	40	GL0028	59
064-PR0022	26	064-TA0203	49	07-197-500	40	GL01250500	34, 40
064-PR0027	30	064-TA0221	30	07-342-500	40	GU0061	59
064-PR0028	30	064-TA0260	18	07-455-500	40	GU0065	59

Culture Media for Microbiology

Reference index

Art. No	Page	Art. No	Page
HE0011	59	TBX	47
HE0100	59	TE0050	59
HE0101	59	TE0132	59
HI01351000	40, 49	TI03250100	40
HI03360500	40, 49	TR00300005	40
HI04050025	40	TR04000025	40
IP0010	59	TR0422	59
IS01400025	40	TR0424	59
KA0010	59	TR0425	59
LA00600500	34, 40	TR04441000	40
LE00550025	40	TR0447	59
LE00700500	40	TW00201000	12
LI00351000	40	TW0022	59
LI0112	59	TW0080	34
M0468	59	TW00800100	10, 18, 19, 34
MA0037	59	UR0133	59
MA0086	59	VA00550025	40
MA01000100	40	XG0010	59
MA01000500	34, 40	XI00800100	40
MA01500500	34, 40	Y000210100	34
MA01600010	40		
ME0095	59		
MO0070	59		
OR00550025	40		
PI0061	59		
PI0062	59		
PO0066	59		
PO0080	59		
PO0112	59		
PO0201	59		
PO0262	59		
PO04100250	34, 40		
RA00250025	40		
RE00071000	48		
RE0007G100	48		
RE00500250	49		
RE00570100	48		
RE00571000	48		
RE00600100	49		
RE00650005	49		
RE01000100	49		
RI00250005	40		
SA0020	59		
SA00200500	40		
SA00250025	34, 40		
SD0010	59		
SE01050010	40		
S00036	59		
S00160	34		
S001600100	20, 27, 34		
S00205	59		
S00230	59		
S002570100	40		
S002570500	40		
S00328	59		
S00329	59		
S004000500	21, 40		
S005900100	40		
S005900500	40		
S008500250	40		
S010040250	40		
S010070250	40		
SS0010	59		
SS0015	59		
SU0030	59		
TA0010	59		
TB0010	59		

