



Culture Media for Microbiology CATALOGUE

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Culture Media for Microbiology

Dehydrated and prepared culture media

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



Scharlau manufactures its dehydrated and prepared culture media according to its own quality management system which is in accordance with 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.

Each bottle of dehydrated culture medium is individually wrapped to protect it from dust and is accompanied by a certificate of analysis and guarantee of absence of the causative agent of bovine spongiform encephalopathy in the raw materials of animal origin used in its manufacture.

Standard sizes we offer are 100 grams and 500 grams,

but we can also provide our media in drums of 5 kg, 10 kg 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.

Our PAC-O-VAC® packaging



This is an additional outer bag for our 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.

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



Scharlau offers supplements in ingenious vials that allow the supplement to be added in a simple, fast and convenient way while reducing the risk of contamination. The powdered supplement is inside the cap of the vial and the sterilised diluent is in the vial. A light press on the cap releases the powder into the diluent. After shaking well, the supplement is ready to be added to the sterile, culture medium. Supplied

in a strong and resistant 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.

Prepared culture media

90 mm Petri dishes



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

Shelf life: 3 months (irradiated sterile plates 4 months).

55 mm filtration plates



55 mm 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.

Culture Media for Microbiology

Dehydrated and prepared culture media

Prepared culture media (continued)

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.

ing is possible.

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

Agars in flasks



Agars in flasks to be re-melted with no loss of nutritional capacity or changes in pH. They come with a new metallic cap suitable for microwave re-melting. Available in volumes of 100 ml and 200 ml in boxes of 10 units. Removable label for easy data transfer.

Shelf life: 12 months.

Broths in flasks



Broths in flasks are subjected to a process of filtration before bottling and sterilization, to obtain very clear media.

Standard presentation with a new extremely air-tight metallic cap. The media destined for the control of sterility carry a cap with septum.

Available in volumes of 90, 100, 200 and 225 ml in boxes of 10 units. Transparent label for better observation of the results.

Shelf life: 12 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 90 mm, which makes this product suitable for mass inoculation.

They come with a new metallic cap suitable for microwave re-melting.

Each vial contains 15 ml 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.

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 19 ml in boxes of 20 units.

Shelf life: 12 months.

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
- Cost efficient
- Safe
- 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.

Storage of prepared media

We recommend storage at room temperature, with no need for refrigeration, since our products are manufactured following a production system that guarantees maximum quality and stability of the product throughout its shelf life due to a number of strict processes that our products have undergone:

- Rigorous control of sterilization temperatures.
- Precision in the 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 conditions of the media: 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

Symbols

100 g / 500 g



20 plates of 90 mm



20 irradiated plates of 90 mm



24 contact plates (triple packaging)

30 contact plates



30 filtration plates of 55 mm



10 flasks of 100 ml / 200 ml (broth)

1 flask of 100 ml and 1 litre (additive)



10 flasks of 100 ml / 200 ml flasks (agar)



20 tubes of 10 ml (broth)



20 tubes of 10 ml (agar)



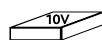
20 slanted agar tubes



2 litre / 3 litre / 5 litre bag



Supplement case (10 vials)



5 Kg, 10 Kg and 25 Kg Drum



**A large range
of culture media**
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Culture Media for Microbiology

Dehydrated and prepared culture media

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 (WashingtonDC, 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 Europeen 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		Deutsche Institut für Normung (Berlin)
EDQM		European Directorate for the Quality of Medicines
EN	European Norme	Centre Europeen 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 6th Ed., Supplement 6.3	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 Pharmacopeia - National Formulary USP 28	USP Convention Ltd. (Rockville MD, USA)
WEF		Water Environment Federation (Washington DC, USA)

Notes

With TLHTh

Polysorbate 80: 5g/l; Lecithin: 0,7 g/l; Histidine: 1 g/l and Sodium Thiosulphate; 0,5g/l. In accordance with European regulations.

CE

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

Dehydrated media not regularly in stock. Please consult delivery times.

Blister packaging

Long shelf life

Storage at room temperature

Plates in individual compartments

Double packaging

Low dehydration

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Culture Media for Microbiology

Dehydrated and prepared culture media

ACETAMIDE NUTRIENT BROTH (03-428)**DIN / EN / ISO**Liquid medium for the enrichment and confirmation of the presence of *Pseudomonas aeruginosa* in water according to ISO 12780.

03-428-500	500g	
03-428-100	100g	



Left: *Pseudomonas aeruginosa* ATCC 27853
Center: *Pseudomonas aeruginosa* ATCC 9027
Right: Uninoculated tube

ACETATE DIFFERENTIAL AGAR (01-665)**BAM / ISO**Solid medium for the differentiation of *Shigella* spp from *E. coli* according to ISO 21567

01-665-500	500g	
01-665-100	100g	

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

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

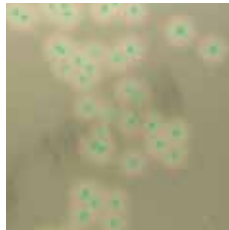
01-007-500	500g	
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*Chlorella* ssp.**ALKALINE PEPTONE WATER (02-468)**Liquid culture medium for halophile microorganisms, especially *Vibrio* spp.

02-468-500	500g	
064-BA6065	10 flasks of 225ml	

ALOA (AGAR LISTERIA ACCORDING TO OTTAVIANI & AGOSTI)**ISO**Chromogenic culture medium for the detection and isolation of *Listeria* spp. and *Listeria monocytogenes* according to the formula of Agosti & Ottaviani and in accordance with ISO 11290.

064-PA0084	20 plates 90mm	
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*Listeria monocytogenes***ANTIBIOTIC MEDIUM C (02-601)****HP / EP / USP**

Liquid medium for the preparation of inoculum, serial dilutions and turbidimetric antibiotics assays.

02-601-500	500g	
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ANTIBIOTIC MEDIUM D (02-549)**HP / EP / USP**

Liquid medium for the preparation of inoculum, serial dilutions and turbidimetric antibiotics assays.

02-549-500	500g	
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ANTIBIOTIC MEDIUM E (01-430)**HP / EP / USP**

Solid culture medium as seed layer in the assay of antibiotics by the agar diffusion method.

01-430-500	500g	
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ANTIBIOTIC MEDIUM NO. 1 (01-009)→ **ANTIBIOTIC MEDIUM A PH 6.6 EUR. PHARM.****HP / EP / USP**

Solid culture medium as seed layer in the assay of antibiotics by the agar diffusion method.

01-009-500	500g	
01-009-100	100g	

*Bacillus subtilis***ANTIBIOTIC MEDIUM NO. 10 (01-016)**→ **ANTIBIOTIC MEDIUM B EUR. PHARM.****HP / EP / USP**

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

01-016-500	500g	
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ANTIBIOTIC MEDIUM NO. 11 (01-017)→ **ANTIBIOTIC MEDIUM A PH 8.0 EUR. PHARM.****HP / EP / USP**

Solid culture medium as seed layer in the assay of antibiotics by the agar diffusion method.

01-017-500	500g	
01-017-100	100g	

ANTIBIOTIC MEDIUM NO. 19 (01-434)→ **ANTIBIOTIC MEDIUM F EUR. PHARM.****HP / EP / USP**

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

01-434-500	500g	
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ANTIBIOTIC MEDIUM NO. 35 (01-545)→ **ANTIBIOTIC MEDIUM G EUR. PHARM.****HP / EP / USP**

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

01-545-500	500g	
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APT AGAR (01-026)**COMPF**

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

01-026-500	500g	
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ASPARAGINE BROTH (02-271)Liquid medium for presumptive testing and MPN enumeration of *Pseudomonas aeruginosa* in bottled water.

02-271-500	500g	
02-271-100	100g	

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

Medium for the detection and enumeration of enterococcus in water.

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

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

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

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BACILLUS CEREUS AGAR (01-262)

→ MYP AGAR

BAM / COMPF / IDF / ISO

Selective 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 **STERILE EMULSION OF EGG YOLK (Additive)**06-016-100 100ml flasks **SELECTIVE SUPPLEMENT POLYMYXIN B SULPHATE**06-021CASE 10 vials *Bacillus cereus* ATCC 11778**BACILLUS CEREUS SELECTIVE AGAR (01-487)**

→ PEMBA AGAR

ISO

Selective solid medium for enumeration of *Bacillus cereus* in food according to ISO 21871.

01-487-500 500g **STERILE EMULSION OF EGG YOLK (Additive)**06-016-100 100ml flasks **SELECTIVE SUPPLEMENT POLYMYXIN B SULPHATE**06-021CASE 10 vials **BAIRD PARKER AGAR (01-030)**

→ MEDIUM O EUR. PHARM. 5TH ED.

BAM / EP / ISO / USP

Selective solid culture medium for the detection of staphylococcus in various samples according to ISO 6888-1.

01-030-500 500g 01-030-100 100g 064-PA0008 20 plates of 90mm Ø 064-PR0008 30 contact plates 064-BA1033 10 flasks of 90ml **STERILE EMULSION OF EGG YOLK****AND TELLURITE (Additive)**064-BA1018 100ml flasks *Staphylococcus aureus* ATCC 25923**BAIRD PARKER WITH RPF AGAR (RABBIT PLASMA AGAR AND FIBRINOGEN)****ISO**

Solid culture medium for the enumeration of coagulase-positive staphylococcus 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 resuspended 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 culture medium for the detection and isolation of *Alicyclobacillus* in juices, fruits and other acidic foods, according to method No.12 of the IFU standard.

01-675-500 500g 01-675-100 100g **BAT (*Bacillus acidoterrestris*) BROTH (02-675)****IFU**

Liquid culture medium for detection and enrichment of *Alicyclobacillus* in juices, fruits and other acidic foods, according to method No.12 of the IFU standard.

02-675-500 500g 02-675-100 100g **BCYE LEGIONELLA AGAR****ISO**

Solid medium for the isolation of *Legionella* according to ISO 11731.

064-PA0069 20 plates of 90mm Ø **BCYE LEGIONELLA SELECTIVE AGAR**

→ GVPC

ISO

Selective solid medium for the isolation of *Legionella* according to ISO 11731.

064-PA0017 20 plates of 90mm Ø *Legionella pneumophila* ATCC 33152**BCYE W/O CYSTEINE LEGIONELLA AGAR****ISO**

Solid medium for the isolation of *Legionella* according to ISO 11731.

064-PA6001 20 plates of 90mm Ø **BEERENS DILUENT (02-257)**

Diluent to neutralize the preservatives in the routine examination of cosmetics.

02-257-500 500g 02-257-100 100g 064-BA1022 10 flasks of 100ml 064-BA2022 10 flasks of 90ml **POLYSORBATE 80 (Additive)**06-088-100 100ml **BGA (BRILLIANT GREEN AGAR) (01-203)**

→ MEDIUM L EUR. PHARM. 5TH ED.

EP / USP

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

01-203-500 500g 01-203-100 100g 064-PA0045 20 plates of 90mm Ø 064-BA3031 10 flasks of 100 ml *Salmonella abony* NCTC 6017

Broths and diluents in bags (FlexiBags)

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

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Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

BGA (ISO) (BRILLIANT GREEN AGAR) (01-309)**DIN / IDF / ISO**Solid culture medium for the selective isolation of *Salmonella* in food, except for *S. typhi*, according to ISO.

01-309-500	500g	
01-309-100	100g	

BGBL BROTH (02-041)→ **BRILLIANT GREEN BILE 2% BROTH****BAM / COMPF / ISO / SMWW**

Liquid medium for the detection of coliforms in water (ISO 4831).

02-041-500	500g	
02-041-100	100g	
064-TA0179	20 tubes of 10ml	
	double concentration with Durham tube	
064-TA0152	20 tubes of 9ml with Durham tubes	



Left: Uninoculated tube
Center: *Salmonella typhimurium* ATCC 14028
Right: *Escherichia coli* ATCC 11775

BHIA (BRAIN AND HEART AGAR) (01-599)**COMPF / DIN / ISO / SMWW**

Solid culture medium for general purpose used for the cultivation of pathogenic microorganisms of difficult growth. According to ISO 6888 and 5944.

01-599-500	500g	
01-599-100	100g	



Enterococcus faecalis ATCC 19433

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

General purpose liquid culture medium. According to ISO 6888 and 5944.

02-599-500	500g	
02-599-100	100g	
064-BA6079	10 flasks of 100ml	
064-TA0143	20 tubes of 10ml	



Left: Uninoculated tube
Center: *Staphylococcus aureus* ATCC 25923
Right: *Escherichia coli* ATCC 25922

BIGGY AGAR (01-137)→ **SEE NICKERSON AGAR****BILE 2% BRILLIANT GREEN BROTH (02-041)**→ **SEE BGBL BROTH****BILE ESCULIN AGAR (01-265)****BAM / COMPF / ISO**

Solid culture medium for the identification of streptococcus of Lancefield's group D in food samples.

01-265-500	500g	
01-265-100	100g	
064-TA0102	20 slanted agar tubes	



Enterococcus faecalis ATCC 29212

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

Medium for confirmation of enterococcus in accordance with ISO 7899.

01-592-500	500g	
01-592-100	100g	
064-PA3134	20 plates of 90mm Ø	
064-PF0008	30 plates of 55mm Ø	



Enterococcus faecalis ATCC 29212

BLOOD AGAR (01-352)**C €**

General purpose medium for the isolation and cultivation of microorganisms.

01-352-500	500g	
01-352-100	100g	

→ **Needs addition of Blood.****BLOOD AGAR NO. 2 (01-505)****BAM / COMPF / ISO****C €**

Base medium especially rich in nutrients and suitable for the cultivation of fastidious microorganisms.

01-505-500	500g	
01-505-100	100g	

→ **Needs addition of Blood.****BLOOD COLUMBIA AGAR (01-034)**→ **SEE COLUMBIA BLOOD AGAR****BRILLIANT GREEN AGAR (BGA) (01-203)**→ **SEE BGA****BRILLIANT GREEN AGAR (ISO) (BGA) (01-309)**→ **SEE BGA (ISO)**

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

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis. : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

BROLACIN AGAR (01-047)

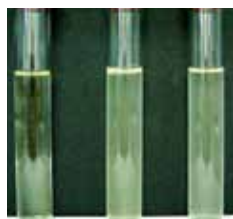
→ SEE CLED AGAR

BUFFERED PEPTONE WATER (02-277)**ISO**

Medium for dilution and non-selective pre-enrichment of food samples according to ISO 6579, 8523, 2261 and 6785.

02-277-500	500g	
02-277-100	100g	
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: Pre-enrichment *Salmonella* spp
Center: *Salmonella typhimurium* ATCC 14028
Right: *Salmonella Abony* NCTC 6017

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

→ BUFFERED PEPTONE WATER 0.1%

→ MEDIUM A EUR. PHARM. 5TH ED.

→ BUFFERED SOLUTION OF SODIUM CHLORIDE PEPTONE pH 7.0

HP / EP / ISO

Universal diluent for the homogenization of samples according to the Eur. Pharm.

02-494-500	500g	
02-494-100	100g	
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	

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

Semi-solid non-nutritive medium for transportation and preservation of microorganisms, especially for fecal samples.

03-643-500	500g	
03-643-100	100g	

CASEIN LECITHIN-POLYSORBATE BROTH BASE (02-539)**USP**

Liquid medium to dilute and neutralize preservatives in cosmetics and pharmaceuticals.

02-539-500	500g	
02-539-100	100g	
POLYSORBATE 20 (TWEEN 20) (Additive)		
TW00201000	1 litre	

CETRIMIDE AGAR (01-160)→ **PSEUDOMONAS SELECTIVE AGAR**→ **MEDIUM N EUR. PHARM. 5TH ED.****HP / AOAC / EP / USP**Solid culture medium for the selective isolation of *Pseudomonas aeruginosa*.

01-160-500	500g	
01-160-100	100g	
064-PA0050	20 plates of 90mm Ø	
064-PF1007	30 plates of 55mm Ø	
064-PR0009	30 contact plates	
064-BA3037	10 flasks of 200ml	
064-BA1032	10 flasks of 100ml	

GLYCEROL (Additive)

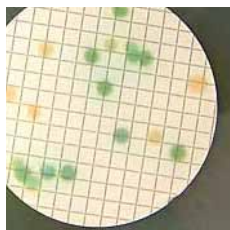
GL00261000	1 litre	
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*Pseudomonas aeruginosa* ATCC 27853**CETRIMIDE-NALIDIXIC (CN) PSEUDOMONAS SELECTIVE AGAR (01-609)****EN / ISO**Solid selective medium for the detection of *Pseudomonas aeruginosa* in accordance with ISO 12780.

01-609-500	500g	
01-609-100	100g	
064-PF0005	30 plates of 55mm Ø	

NALIDIXIC ACID SELECTIVE SUPPLEMENT

06-124CASE	10 vials	
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*Pseudomonas aeruginosa* ATCC 10145*Pseudomonas aeruginosa* ATCC 27853**CGA (CHLORAMPHENICOL GLUCOSE AGAR) (01-366)**→ **YGC****DIN / IDF / ISO**

Solid selective medium for the isolation and enumeration of fungi in food ISO 7954.

01-366-500	500g	
01-366-100	100g	
064-BA9992	10 100 ml flasks	

*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****ISO**Selective medium for the detection and confirmation of coliforms, thermotolerant coliforms and *E. coli* in water, using the membrane filtration technique according to ISO 9308.

01-053-500	500g	
01-053-100	100g	
064-PF0003	30 plates of 55mm Ø	

TTC STERILE SOLUTION (Additive)

06-023-100	100ml	
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*Escherichia coli* ATCC 25922**CHRISTENSEN CITRATE AGAR (01-664)****BAM / ISO**

Differential solid medium to verify the use of nitrates as the sole source of carbon present in organic nitrogen in accordance with ISO 21567.

01-664-500	500g	
01-664-100	100g	

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

CE : Culture medium declared as a sanitary product for *in vitro* diagnosis. Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

CLED AGAR (01-047)→ **BROLACIN AGAR****C** **€**

Cystine and lactose electrolyte deficient medium, recommended for isolation and identification of bacteria in urine.

01-047-500	500g	
01-047-100	100g	



Proteus mirabilis ATCC 12453

COLIFORMS PRESENCE / ABSENCE BROTH

Chromogenic and fluorogenic broth that combines the enzyme β-D-galactosidase, the reaction of the fluorogenic agent MUG and the indole* 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 *E. coli* in water samples.

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



Left: coliform

Center: No coliform

Right: *Escherichia coli*

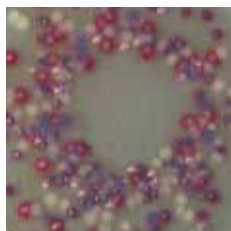
**Culture media
for water
analysis**
scharlau.com

COLINSTANT CHROMOGENIC AGAR (01-618)

Selective and differential chromogenic medium, for the detection of total coliforms and *E. coli* in water and food samples.

01-618-500	500g	
01-618-100	100g	
064-PF6015	30 plates of 55mm Ø	

→ In waste water samples it is necessary to add selective substances.



Violet-Blue colonies: *E. coli*

Salmon red colonies: coliform

Colourless colonies: all other gram-negative bacteria

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

Peptone-rich medium for the study of non-sterile products according to the harmonized Eur. Pharm.

01-680-500	500g	
01-680-100	100g	

COLUMBIA BLOOD AGAR (01-034)**ISO****C** **€**

Medium exceptionally rich in peptone, suitable for the addition of blood or for the preparation of Chocolate Agar.

01-034-500	500g	
01-034-100	100g	

→ Needs addition of Blood.



Staphylococcus aureus ATCC 6538

D/E NEUTRALIZING AGAR (01-610)**COMPF / ISO / SMD**

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

01-610-500	500g	
01-610-100	100g	

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	
02-610-100	100g	

DERMATOPHYTES AGAR (01-442)→ **DTM AGAR**

Solid differential medium (with indicator) for the selective isolation of dermatophytes.

064-PA0012	20 plates of 90mm Ø	
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DEOXYCHOLATE LACTOSE AGAR (01-057)**COMPF / SMWW**

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

01-057-500	500g	
01-057-100	100g	



Salmonella typhimurium ATCC 14028

DG 18 SELECTIVE AGAR (01-485)

Differential solid medium with low water activity, for determining xerophilic fungi in foods with low humidity.

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

Solid selective medium for the enumeration of yeasts and moulds in food in accordance with ISO 21527.

01-657-500	500g	
01-657-100	100g	

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

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

 : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

DNASE AGAR (01-346)

Solid culture medium to determine the deoxyribonucleic activity of microorganisms, particularly staphylococci and *Serratia* spp.

01-346-500	500g	
01-346-100	100g	

*Serratia marcescens* ATCC 274**DRCM (02-410)**

→ SEE DIFFERENTIAL REINFORCED CLOSTRIDIAL MEDIUM

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

→ MEDIUM E EUR. PHARM. 5TH ED.

→ MOSSEL BROTH

HP / ISO / EP

Liquid culture medium for the enrichment of enterobacteria in different samples.

02-064-500	500g	
02-064-100	100g	
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

Center: *Salmonella* Abony NCTC 6017Right: *Escherichia coli* ATCC 25922**EC BROTH (E. coli BROTH) (02-060)****COMPF / ISO / SMWW**

Selective medium for detecting enterobacteriaceae in food and water in accordance with ISO 9308 and 7521.

02-060-500	500g	
02-060-100	100g	

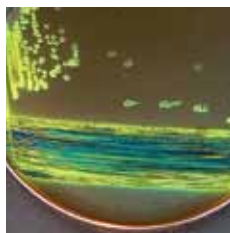
EMB AGAR (EOSIN METHYLENE BLUE AGAR) (01-068)

→ LEVINE AGAR

BAM / ISO / USP

Selective differential medium for the isolation of coliforms in different samples.

01-068-500	500g	
01-068-100	100g	
064-BA6045	10 flasks of 200ml	

*Escherichia coli* ATCC 8739**ENDO AGAR (01-589)****AOAC / COMPF / SMD**

Medium for the determination of coliforms and other enteric microorganisms in water, milk, etc.

01-589-500	500g	
01-589-100	100g	
064-PF0009	30 plates of 55mm Ø	

SELECTIVE SUPPLEMENT BASIC FUCHSIN 250

06-607CASE	10 vials	
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*E. coli* ATCC 25922**ETHYL VIOLET AZIDE BROTH ACCORDING TO LITSKY (02-028)**

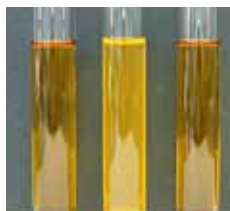
→ EVA BROTH

→ LITSKY AZIDE BROTH

COMPF / SMWW

Medium for the confirmation of enterococcus in water.

02-028-500	500g	
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Left: Uninoculated tube

Center: *Enterococcus faecalis* ATCC 29212Right: *Escherichia coli* ATCC 25922**EUGON LT 100 AGAR (01-654)****ISO**

Solid medium for detection and enumeration of aerobic bacteria and *E. coli* in cosmetics with or without preservatives in accordance with ISO 21149.

01-654-500	500g	
01-654-100	100g	

EUGON LT 100 BROTH (02-654)**ISO**

Liquid medium for the enrichment of aerobic bacteria and *E. coli* in cosmetics with or without preservatives in accordance with ISO 21149 and 21150.

02-654-500	500g	
02-654-100	100g	

EVA BROTH (02-028)

→ SEE ETHYL VIOLET AZIDE BROTH ACCORDING TO LITSKY

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 HALF CONCENTRATION ENRICHMENT BROTH**ISO**

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

For 1 litre of Fraser Half Concentration it is necessary to add 1 vial of **06-111CASE** and 2 vials of **06-112CASE** to the standard formulation of the full Fraser medium, art. no. **02-496**.

064-BA5002	10 flasks of 225ml	
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.



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

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

: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

FRASER LISTERIA ENRICHMENT BROTH (02-496)**ISO**

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

02-496-500	500g	
02-496-100	100g	
064-BA5001	10 flasks of 225ml	
064-TA1125	20 tubes of 10ml	

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

06-111CASE	10 vials	
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FERRIC AMMONIUM CITRATE

06-112CASE	10 vials	
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Left: Uninoculated tube

Center: *Listeria monocytogenes* ATCC 19112Right: *Listeria monocytogenes* ATCC 7644**GC AGAR BASE (01-310)**

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

01-310-500	500g	
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GIOLITTI-CANTONI BROTH (02-230)**EN / IDF / ISO**

Liquid medium for the enumeration of coagulase-positive staphylococcus in food in accordance with ISO 6888-3 and 5944.

02-230-500	500g	
02-230-100	100g	
064-TA0190	20 x 19ml tubes	
064-TA0191	20 x 10ml tubes double concentration	

STERILE SOLUTION OF 1% POTASSIUM TELLURITE (Additive)

06-089-100	100ml	
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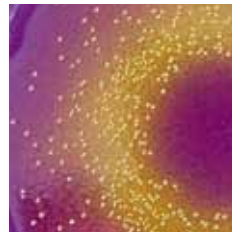


Staphylococcus aureus ATCC 25923

GLUCOSE BROMCRESOL PURPLE AGAR (01-502)**ISO**

Solid medium for the confirmation of enterobacteria in different samples. According to ISO 8523.

01-502-500	500g	
01-502-100	100g	



Enterococcus faecalis ATCC 29212

GRAM-NEGATIVE BROTH (GN BROTH) (02-093)**COMPF**

Liquid culture medium for enteric bacteria in accordance with the formulation of Hajna.

02-093-500	500g	
02-093-100	100g	

GVPC

→ SEE BCYE LEGIONELLA SELECTIVE AGAR

HEART AND BRAIN AGAR (BHIA) (01-599)

→ SEE BHIA

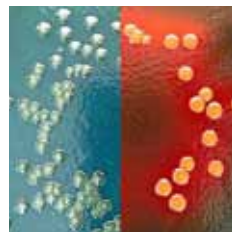
HEART AND BRAIN BROTH (BHI) (02-599)

→ SEE BHI

HEKTOEN AGAR (01-216)**AOAC / BAM / COMPF / ISO**

Selective and differential solid culture medium for the isolation of pathogenic enterobacteriaceae, especially Salmonella in highly contaminated samples.

01-216-500	500g	
01-216-100	100g	
064-PR0012	30 contact plates	

Left: *Salmonella typhimurium* ATCC 14028Right: *Escherichia coli* ATCC 25922**IRON SULPHITE AGAR (01-634)****ISO / NMKL**

Differential solid medium for the enumeration of sulphite reducing bacteria in food samples in accordance with ISO 15213.

01-634-500	500g	
01-634-100	100g	

K AGAR (01-674)**IFU**

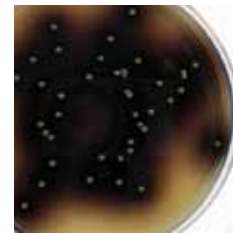
Solid culture medium for detection and isolation of *Alicyclobacillus acidoterrestris* in juices and fruits according to method No. 12 of the IFU standard.

01-674-500	500g	
01-674-100	100g	

**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.

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.

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



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

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

Pencil icon: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

**KF STREPTOCOCCI AGAR (01-294)**→ **KENNER FECAL AGAR****COMPF / SMWW**

Selective solid medium for detection and enumeration of enterococci.

01-294-500 500g **STERILE SOLUTION OF TTC (Additive)**06-023-100 100ml *Enterococcus faecalis* ATCC 19433**KING A AGAR (01-001)**→ **KING P AGAR****ISO**Medium to enhance the production of pyocyanine in *Pseudomonas aeruginosa*. According to ISO 16266 and 22717.01-001-500 500g 01-001-100 100g **GLYCEROL (Additive)**GL00261000 1 l *Pseudomonas aeruginosa* ATCC 9027**KING B AGAR (01-029)**→ **KING F AGA****ISO**Culture medium to enhance the production of fluorescein in *Pseudomonas* species. According to ISO 12780, 16266 and 22717.01-029-500 500g 01-029-100 100g **GLYCEROL (Additive)**GL00261000 1 litre *Pseudomonas aeruginosa* ATCC 10145**KLIGLER IRON AGAR (KIA) (01-103)****ISO**

Differential medium for the primary identification of enterobacteriaceae, based on the fermentation of two sugars and sulphide production according to ISO 6340.

01-103-500 500g 01-103-100 100g 064-TA0116 20 slanted agar tubes 

First tube: control tube

Second tube: *Escherichia coli* ATCC 25922Third tube: *Salmonella typhimurium* ATCC 14028Fourth tube: *Shigella sonnei* ATCC 9290Fifth tube: *Proteus mirabilis* ATCC 43071**LACTOSE BROTH (02-105)**→ **MEDIUM D EUR. PHARM. 5TH ED.****AOAC / COMPF / EP / ISO / SMWW / USP**

Pre-enrichment medium for research in enterobacteriaceae and coliforms in milk, water and studies of lactose digestion.

02-105-500 500g 02-105-100 100g 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 d 

double concentration

with Durham tubes

064-TA2142 20 tubes of 9ml 

with Durham tubes



Left: Uninoculated tube

Center: *Escherichia coli* ATCC 25922Right: *Salmonella typhimurium* ATCC 14028**LACTOSE NEUTRALIZING BROTH (02-666)****ISO**Liquid medium for enrichment of *E. coli* in samples of cosmetics in accordance with ISO 21150.

Contains Triton X-100 in the formulation.

02-666-500 500g 02-666-100 100g **LACTOSE GELATIN MEDIUM (03-632)****ISO**Solid medium for biochemical confirmation of *Clostridium perfringens* in accordance with ISO 7937.03-632-500 500g 03-632-100 100g **LACTOSE SULPHITE BROTH (02-519)**→ **MEDIUM R EUR. PHARM. 5TH ED****EP / ISO**Liquid medium for the production of hydrogen sulphide in *Clostridium perfringens*. According to ISO 7937.02-519-500 500g 064-TA0846 20 tubes of 9ml 

with Durham tubes

SELECTIVE SUPPLEMENT SODIUM METABISULPHITE06-114CASE 10 vials **FERRIC AMMONIUM CITRATE**06-113CASE 10 vials Left: *Clostridium perfringens* ATCC 12917Center: *Clostridium perfringens* ATCC 13124

Right: Uninoculated tube

LACTOSE TTC SODIUM HEPTADECYL SULPHATE AGAR (01-053)→ **SEE CHAPMAN TTC AGAR****LAURYL SULPHATE MUG BROTH (02-527)**Fluorogenic liquid culture medium for the detection and enumeration of coliforms, especially *E. coli* in water and food.064-TA0260 20 tubes of 10ml 

Easy kits for surface sampling
scharlau.com

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

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

Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

**LAURYL SULPHATE
TRYPTOSE BROTH (02-108)****BAM / COMPF / IDF / ISO / SMD / SMWW**

Liquid culture medium for detection and enumeration of coliforms in various samples. According to ISO 4831 and 7251.

02-108-500	500g	
02-108-100	100g	
064-TA0451	20 tubes of 9ml with Durham tubes	

**LAURYL SULPHATE
TRYPTOSE MANNITOL
TRYPTOPHAN BROTH (02-460)****ISO**

Liquid medium for the production of indole and gas in a single tube, in accordance with ISO 9308-1 and 9308-2.

02-460-500	500g	
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Left: Uninoculated tube

Center: *Salmonella typhimurium* ATCC 14028Right: *Escherichia coli* ATCC 25922**LB AGAR
ACCORDING TO MILLER (01-385)**General use solid medium recommended for studies of molecular biology with *E. coli*.

01-385-500	500g	
01-385-100	100g	

**LB BROTH (02-384)**General use liquid medium recommended for studies of molecular biology with *E. coli*.

02-384-500	500g	
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**LB BROTH
ACCORDING TO LENNOX (02-406)**General use liquid medium recommended for studies of molecular biology with *E. coli*.

02-406-500	500g	
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**LB BROTH
ACCORDING TO MILLER (02-385)**

02-385-500	500g	
02-385-100	100g	

LEGIONELLA BCYE AGAR

→ 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 / ASTM**

Solid medium for testing the antimicrobial activity of quaternary ammonium compounds.

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

POLYSORBATE 80 (Additive)

06-088-100	100ml	
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LETHEEN BROTH (02-236)**AOAC / ASTM**

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

02-236-500	500g	
02-236-100	100g	
064-BA3018	10 flasks of 100ml	

POLYSORBATE 80 (Additive)

06-088-100	100ml	
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**LETHEEN MODIFIED AGAR (01-237)****ASTM / BAM / ISO**

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

01-237-500	500g	
01-237-100	100g	
064-PA0047	20 plates of 90mm Ø	

POLYSORBATE 80 (Additive)

06-088-100	100ml	
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LETHEEN MODIFIED BROTH (02-237)**AOAC / ISO**

Liquid medium recommended by the BAM as the primary recovery system of stressed microorganisms prior to a microbiological examination of cosmetics. According to ISO 21149, 22717 and 22718.

02-237-500	500g	
02-237-100	100g	
064-BA2145-90	10 flasks of 90ml	
064-TA6070	20 tubes of 9ml	

POLYSORBATE 80 (Additive)

06-088-100	100ml	
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LEVINE AGAR (01-068)

→ SEE EMB AGAR

**LIEBERMEISTER AND 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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DEFIBRINATED STERILE SHEEP BLOOD (Additive)

SS0003-500	500ml	
064-SS0003	100ml	



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

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

LISTERIA ALOA AGAR

→ SEE ALOA LISTERIA AGAR

LISTERIA FRASER BROTH (02-496)

→ SEE FRASER LISTERIA BROTH

LISTERIA LOVETT BROTH (02-498)

→ SEE LOVETT LISTERIA BROTH

LISTERIA OXFORD AGAR (01-471)

→ SEE OXFORD LISTERIA AGAR

LISTERIA PALCAM AGAR (01-470)

→ SEE PALCAM LISTERIA AGAR

LISTERIA UVM BROTH (02-472)

→ SEE UVM LISTERIA BROTH

LITSKY AZIDE BROTH (02-028)

→ SEE ETHYL VIOLET AZIDE BROTH ACCORDING TO LITSKY

LOVETT LISTERIA ENRICHMENT BROTH (02-498)**BAM / IDF**Liquid culture medium for the enrichment of *Listeria* spp., According to Lovett et al.

02-498-500	500g	
02-498-100	100g	

SELECTIVE SUPPLEMENT FOR LISTERIA ENRICHMENT ACCORDING TO FDA AND IDF.

06-107CASE	10 vials	
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Left: Uninoculated tube
Center: *Listeria monocytogenes* ATCC 19114
Right: *Listeria monocytogenes* ATCC 19112

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

LÖWENSTEIN-JENSEN MEDIUMMedium for cultivation and differentiation of species of *Mycobacterium* spp.

064-TA0165	20 slanted agar tubes	
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Left: *Mycobacterium tuberculosis*
Right: *Mycobacterium kansasii*

LÖWENSTEIN-JENSEN PYRUVATE MEDIUMMedium 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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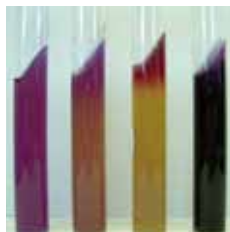
LYSINE DECARBOXYLASE BROTH (02-336)**COMPF / IDF / ISO**

Liquid medium for the differentiation of Enterobacteria by the L-Lysine decarboxylation testing according to Taylor.

02-336-500	500g	
064TA0125L	20 tubes of 10ml	

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

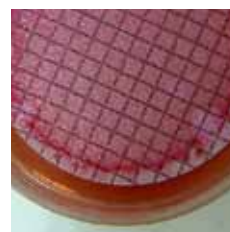
01-094-500	500g	
01-094-100	100g	
064-TA0117	20 slanted agar tubes	



First tube: Uninoculated tube
Second tube: *Escherichia coli* ATCC 25922
Third tube: *Proteus mirabilis* ATCC 43071
Fourth tube: *Salmonella typhimurium* ATCC 14028

m-CP AGAR (*Clostridium perfringens*) (01-513)**DIRECTIVE 98 / 83 / CE**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	
01-513-100	100g	
064-PF0030	30 plates of 55mm Ø	
064PF0030C	12 plates of 55mm Ø	

SELECTIVE SUPPLEMENT m-CP06-125CASE 10 vials
Ammonium hydroxide (ammonia) is required for confirmation, art. no. AM0257.*Clostridium perfringens* ATCC 13124**m-GREEN AGAR**

Solid medium for the detection of moulds and yeasts by the membrane filtration method.

064-PF0089	30 plates of 55mm Ø	
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m-GREEN BROTH (02-633)**ISO**

Selective liquid medium for enumeration of fungi in accordance with ISO 10718.

02-633-500	500g	
02-633-100	100g	

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



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

CE : Culture medium declared as a sanitary product for *in vitro* diagnosis. Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

MACCONKEY AGAR (01-118)

→ MEDIUM H EUR. PHARM. 5TH ED.

→ MACCONKEY NO. 3 AGAR

HP / AOAC / BAM / COMPF / EP / ISO / SMWW / USP
C €

Differential and selective medium for the detection, isolation and enumeration of coliforms from various samples.

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

*Escherichia coli* ATCC 8739**MACCONKEY BROTH (02-118)****AOAC / ISO / SMWW**

Liquid medium for the detection and enumeration of enterobacteria by MPN.

02-118-500	500g	
02-118-100	100g	

MACCONKEY BROTH (EUR. PHARM.) (02-611)

→ MEDIUM G EUR. PHARM. 5TH ED.

HP / EPLiquid medium for the detection and enumeration of coliforms and *E. coli*. It is a change from the classic medium as the neutral red is replaced by a less aggressive indicator such as the bromocresol purple. In accordance with the harmonized Eur. Pharm.

02-611-500	500g	
02-611-100	100g	
064-BA2143	10 flasks of 100ml	
064-TA2135	20 tubes of 9ml Durham tubes	



Left: Uninoculated tube

Center: *Escherichia coli* ATCC 25922Right: *Salmonella typhimurium* ATCC 14028**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	
01-111-100	100g	

*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	
01-573-100	100g	

*Aspergillus niger* ATCC 16404**MALT EXTRACT AGAR NO. 3 (01-574)**

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

01-574-500	500g	
064-PA0027	20 plates of 90mm Ø	
064-PR0031	30 contact plates	

MALT EXTRACT BROTH NO. 1 (02-111)**BAM / COMPF**

Liquid medium for growing moulds and yeasts.

02-111-500	500g	
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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	
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MANNITOL SALT AGAR (01-116)

→ CHAPMAN AGAR

HP / BAM / ISO / USP**C €**

Selective medium for the isolation of staphylococci.

01-116-500	500g	
01-116-100	100g	
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 especially recommended for *Salmonella typhi* and *Salmonella paratyphi* B.

02-652-500	500g	
02-652-100	100g	

SODIUM BISELENITE (Additive)

06-615-100	100g	
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MARINE AGAR (01-291)

Solid medium for the isolation, enumeration and maintenance of marine heterotrophic bacteria.

01-291-500	500g	
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*Vibrio alginolyticus* ATCC 17749**MAXIMUM RECOVERY DILUENT (MRD) (02-510)**

→ UNIVERSAL DILUENT

→ SALINE PEPTONE WATER

ISO

Isotonic diluent for maximum recovery of stressed microorganisms. According to ISO 6887.

02-510-500	500g	
02-510-100	100g	
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.

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

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis. : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

MINERAL GLUTAMATE**AGAR BASE (01-659)****COMPF / IDF / ISO**Solid medium for the recovery of *E. coli* cells damaged by heat, cold or chemical processes in accordance with ISO 11866 and 16649 and FIL-IDF.

01-659-500	500g	
01-659-100	100g	

SODIUM GLUTAMATE (Additive)

SO04000500	500g	
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AMMONIUM CHLORIDE (Additive)

AM02730250	250g	
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**MINERAL GLUTAMATE
MEDIUM BASE (02-656)****ISO**Liquid medium for the selective enrichment of *E. coli* according to ISO 16649.

02-656-500	500g	
02-656-100	100g	

SODIUM GLUTAMATE (Additive)

SO04000500	500g	
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AMMONIUM CHLORIDE (Additive)

AM02730250	250g	
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MOSSEL BROTH (02-064)→ SEE *E. E. BROTH* **MOTILITY INDOLE ORNITHINE
FLUID MEDIUM (MIO) (03-422)****BAM**

Medium for demonstrating motility, indole production and ornithine decarboxylase activity in enterobacteria.

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



Left: Uninoculated tube

Center: *Escherichia coli* ATCC 25922Right: *Salmonella typhimurium* ATCC 14028**MOTILITY NITRATE MEDIUM (03-612)****BAM / ISO**Fluid medium for the identification of *Clostridium perfringens* according to ISO 7937.

03-612-500	500g	
03-612-100	100g	

GLYCEROL (Additive)

GL00261000	1 litre	
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MRS AGAR (01-135)**COMPF / IDF / IFU / ISO**

Solid culture medium for lactobacilli according to Man, Rogosa and Sharpe according to ISO 15214.

01-135-500	500g	
01-135-100	100g	
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.

02-135-500	500g	
02-135-100	100g	
064-TA0173	20 tubes of 10ml	

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

→ MRVP

→ MEDIUM CLARKS LUBS MEDIUM

BAM / IDF / ISO / SL

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

02-207-500	500g	
02-207-100	100g	
064-TA0261	20 tubes of 10ml	

 MRVP SALINE BROTH (02-456)

Liquid medium for the Methyl Red and Voges-Proskauer test.

02-456-500	500g	
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MUELLER-HINTON AGAR (01-136)**BAM / CLSI (NCCLS) / ISO****C €**

Medium widely recommended for antibiotic and sulfonamide sensitivity testing, according to the Kirby-Bauer and the Ericsson method.

01-136-500	500g	
01-136-100	100g	
064-BA1004	10 flasks of 100ml	

*Staphylococcus aureus* ATCC 25923**MÜELLER-HINTON BROTH (02-136)****CLSI (NCCLS) / CMFH**

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

02-136-500	500g	
02-136-100	100g	

MYP AGAR (01-262)→ SEE *BACILLUS CEREUS* AGAR**NEUTRALIZING BROTH
EUR. PHARM. (02-512)****EP**

Liquid medium for neutralizing antimicrobial substances in accordance with Eur. Pharm.

02-512-500	500g	
02-512-100	100g	

NICKERSON AGAR (01-137)

→ BIGGY AGAR

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

01-137-500	500g	
01-137-100	100g	
064-PA0018	20 plates of 90mm Ø	

*Candida albicans* ATCC 10231

CHROMagar™
Chromogenic media,
see page 37

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

C € : Culture medium declared as a sanitary product for *in vitro* diagnosis. : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

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

Culture medium for verifying the capacity of reduction of nitrate in enterobacteria. According to ISO 7932.

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

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

Solid medium for the general cultivation of non fastidious microorganisms.

01-144-500	500g	
01-144-100	100g	

NUTRIENT AGAR (BRIT. PHAR.) (01-140)**BAM / BP / ISO**

General use solid medium for the cultivation of non fastidious microorganisms. In accordance with ISO 12780.

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

*Staphylococcus aureus* ATCC 6538**NUTRIENT AGAR (ISO) (01-635)****ISO**

Solid culture medium for general use in accordance with ISO 21528.

01-635-500	500g	
01-635-100	100g	

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

Liquid medium for the general cultivation of non fastidious microorganisms.

02-144-500	500g	
02-144-100	100g	

NUTRIENT BROTH (BRIT. PHAR.) (02-140)**BP**

General use liquid medium for the cultivation of non fastidious microorganisms.

02-140-500	500g	
02-140-100	100g	

OGYE AGAR (01-275)

→ SEE SABOURAUD OXYTETRACYCLIN AGAR

ORANGE SERUM AGAR**APHA**

Solid culture medium for detection of acidophilic microorganisms in food and beverages according to APHA.

064-BA7035	10 flasks of 100ml	
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OXFORD LISTERIA AGAR (01-471)**ISO**Solid selective and differential medium for the detection, enumeration and isolation of *Listeria* spp.

01-471-500	500g	
01-471-100	100g	

OXFORD SELECTIVE SUPPLEMENT

06-109CASE	10 vials	
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*Listeria monocytogenes* ATCC 19114**OXIDATION-FERMENTATION FLUID MEDIUM BASE (O/F MEDIUM) (03-037)**

→ HUGH AND LEIFSON MEDIUM

CMPH / COMPF

Medium formulated according to Hugh and Leifson, 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



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

PALCAM LISTERIA AGAR (01-470)**ISO**Solid selective and differential medium for the detection, enumeration and isolation of *Listeria* spp.

01-470-500	500g	
01-470-100	100g	
064-PA0070	20 plates of 90mm Ø	

PALCAM SELECTIVE SUPPLEMENT

06-110CASE	10 vials	
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*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 (PLATE COUNT AGAR) (01-161)**BAM / COMPF / IDF / ISO / USP**

Medium for the aerobic plate count by means of the surface inoculation method (Standard Plate Count Agar) according to ISO 4833 and 17410 standards.

01-161-500	500g	
01-161-100	100g	
064-PA0024	20 plates of 90mm Ø	
064PA0024I	20 irradiated plates of 90mm Ø	
064-PA0044	20 plates of 90mm Ø with TTC	
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

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

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

Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

PCA MILK AGAR (01-412)

→ PLATE COUNT MILK AGAR

DIN / IDF

Plate count medium for microorganisms found in milk and dairy products, according to DIN and FIL / IDF standards.

01-412-500	500g	
01-412-100	100g	
064-BA3057	10 flasks of 200ml	
064-BA2120	10 flasks of 100ml	

*Yersinia enterocolitica* ATCC 9610**PCA MODIFIED AGAR (01-329)**

Modification of the plate counting Agar art. no. 01-161, with less agar, especially recommended for the aerobic enumeration in plates by the poured plates method.

01-329-500	500g	
01-329-100	100g	

PEMBA AGAR (01-487)→ SEE *BACILLUS CEREUS* SELECTIVE AGAR**PEPTONE WATER, ALKALINE (02-468)**

→ SEE ALKALINE 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, PHOSPHATE-BUFFERED (02-568)

→ SEE PHOSPHATE-BUFFERED PEPTONE WATER

PEPTONE WATER, SALINE (02-510)

→ SEE SALINE PEPTONE WATER

PEPTONE WATER (03-156)

→ SEE TRYPTONE WATER

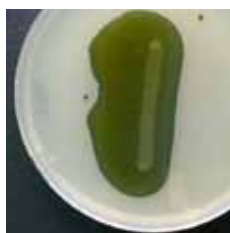
PHENOL RED BROTH BASE (02-032)**BAM / COMPF / ISO**

Liquid culture medium suitable for fermentation studies of sugars and other substrates.

02-032-500	500g	
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**PHENYLALANINE AGAR (01-083)**→ **PPA****CMPH**Culture medium for enterobacteriaceae, according to the formula of Ewing et al. For detecting the ability of the *Proteus* genus to convert phenylalanine into phenylpyruvic acid. Requires the addition of 0,2 ml of a 10% solution of ferric chloride.

01-083-500	500g	
064-TA0112	20 slanted agar tubes	

*Salmonella typhimurium* ATCC 14028**PHOSPHATE-BUFFERED PEPTONE WATER (02-568)****SL**

Liquid medium of non-selective pre-enrichment for enterobacteria following the formula of Schweizerisches Lebensmittelbuch.

02-568-500	500g	
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POTATO DEXTROSE AGAR (PDA) (01-483)**HP / BAM / COMPF / USP**

Solid culture medium for the detection and enumeration of yeasts and moulds, especially recommended for butter and dairy samples.

01-483-500	500g	
01-483-100	100g	
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	
02-483-100	100g	

PPA (01-083) (01-160)

→ SEE PHENYLALANINE AGAR

PRESENCE / ABSENCE COLIFORM BROTH

→ SEE COLIFORM PRESENCE / ABSENCE BROTH

PSEUDOMONAS SELECTIVE AGAR (01-160)

→ SEE CETRIMIDE AGAR

PURPLE BROTH BASE (02-663)**ISO**Broth base for verifying the use of glucidic substrates in the biochemical differentiation of *Shigella* spp. in accordance with ISO 21567.

02-663-500	500g	
02-663-100	100g	

PURPLE UNIVERSAL DILUENT (02-631)**ISO**

Isotonic diluent for maximum recovery of stressed microorganisms in acidic food in accordance with ISO 6887.

02-631-500	500g	
02-631-100	100g	
064-BA0733	10 flasks of 90ml	
064-TA0073	20 tubes of 10ml	
064-TA6733	20 tubes of 9ml	

R2A AGAR (01-540)

→ MEDIUM 5 OF THE EUR. PHARM. 5TH ED.

HP (WATER MONOGRAPH 6TH ED) EP / SMWW

Medium for enumeration of heterotrophic bacteria in treated water.

01-540-500	500g	
01-540-100	100g	
064PA00721	20 irradiated plates of 90mm Ø	
064-PA0172	20 irradiated plates of 90mm Ø	
	triple packaging	
064-PF0072	30 plates of 55mm Ø	

*Bacillus subtilis* ATCC 6633**RAPPAPORT VASSILIADIS SALMONELLA ENRICHMENT BROTH (EUR. PHARM.) (02-668)****HP / ISO**Selective liquid medium for the enrichment of *Salmonella* spp. in water according to ISO 6340 and for the detection of *Salmonella* according to the harmonized Eur. Pharm.

02-668-500	500g	
02-668-100	100g	
064-TA1198	20 tubes of 10ml	

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

CE : Culture medium declared as a sanitary product for *in vitro* diagnosis. : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

RAPPAPORT-VASSILIADIS BROTH (02-379)**AOAC / BAM / COMPF / IDF / ISO**Liquid medium for the selective enrichment of *Salmonella* spp. in food samples in accordance with ISO 6579.

02-379-500	500g	
02-379-100	100g	
064-TA0198	20 tubes of 10ml	



Left: Uninoculated tube

Center: *Salmonella typhimurium* ATCC 14028Right: *Shigella sonnei* ATCC 9290**RAPPAPORT-VASSILIADIS SEMI-SOLID MEDIUM BASE (MSRV) (03-376)****ISO**Semi-solid medium for the isolation of mobile *Salmonella* strains in accordance with the annex to ISO 6579.

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

03-376-500	500g	
03-376-100	100g	

REINFORCED CLOSTRIDIAL AGAR (RCA) (01-289)

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

01-289-500	500g	
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REINFORCED CLOSTRIDIAL MEDIUM (RCM) (03-289)

→ MEDIUM P EUR. PHARM. 5TH ED.

HP / EP

Fluid medium for the cultivation and enumeration of clostridia by the MPN method.

03-289-500	500g	
03-289-100	100g	
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)**COMPF / SMWW**

Selective solid medium for the isolation of yeast and moulds in the environment and food products

01-301-500	500g	
01-301-100	100g	
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**ROTHE AZIDE BROTH (02-027)**

→ SEE AZIDE DEXTROSE BROTH ACCORDING TO ROTHE

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)**ISO / EP / USP**

Solid culture medium for the selective isolation of fungi.

01-166-500	500g	
01-166-100	100g	
064-PA0026	20 plates of 90mm Ø	
064PA0026I	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 10ml	

*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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New metallic caps
Microwave-safe, allows media to be melted in a microwave oven



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

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

SABOURAUD DEXTROSE AGAR (01-165)

→ MEDIUM C OF THE EUR. PHARM. 5TH ED.

HP / BAM / EP / ISO / USP

Medium for enumeration and cultivation of fungi.

01-165-500	500g	
01-165-100	100g	
064-PA0025	20 plates of 90mm Ø	
064PA0025I	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	

→ Additive 06-118 (Chloramphenicol) can be added to convert to Sabouraud Chloramphenicol.

*Candida albicans* ATCC 10231**SABOURAUD OXYTETRACYCLINE AGAR (01-275)**

→ OGYE AGAR

EP / ISO / USP

Solid culture medium for the enumeration of yeasts and moulds according to ISO 7954.

01-275-500	500g	
01-275-100	100g	
064-PA3124	20 plates of 90mm Ø	
064-BA2128	10 flasks of 100ml	

OXYTETRACYCLINE SELECTIVE SUPPLEMENT

06-115CASE	10 vials	
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*Penicillium aurantiogriseum* ATCC 16025**SALMONELLA SHIGELLA AGAR (SS AGAR) (01-555)****AOAC / COMPF****C €**Selective differential culture medium for the in plate isolation of *Shigella* and *Salmonella*.

01-555-500	500g	
01-555-100	100g	

*Salmonella typhimurium* ATCC 14028**SELENITE BROTH (02-598)****BAM / DIN****C €**Liquid medium for the selective enrichment of *Salmonella* spp. and *Shigella* spp.

02-598-500	500g	
02-598-100	100g	
064-TA0138	20 tubes of 10ml	

SODIUM BISELENITE (Additive)

06-615-100	100g	
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SELENITE CYSTINE BROTH (02-602)**COMPF / ISO / USP****C €**Enrichment medium for *Salmonella* spp.

02-602-500	500g	
02-602-100	100g	
064-TA2153	20 tubes of 20ml	
064-TA0163	20 tubes of 10ml	

SODIUM BISELENITE (Additive)

06-615-100	100g	
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Left: *Salmonella typhimurium* ATCC 14028Center: *Escherichia coli* ATCC 25922

Right: Uninoculated tube

SABOURAUD DEXTROSE BROTH (02-165)

→ SABOURAUD GLUCOSE BROTH

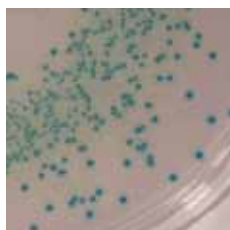
HP / USP

Liquid medium for sterility control.

02-165-500	500g	
02-165-100	100g	
064-TA2148	20 tubes of 9ml	

SAKAZAKI AGARSelective and differential chromogenic medium for the isolation and presumptive identification of *Enterobacter sakazakii*.

064-PA0146	20 plates of 90mm Ø	
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*Enterobacter 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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PAC-O-VAC®

Dehydrated culture media presented in a vacuum sealing for better preservation

scharlau.com

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

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

⚠ : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

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

Liquid medium for the selective enrichment of *Shigella* spp. in accordance with ISO 21567.

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

02-662-500	500g	
02-662-100	100g	

SIM FLUID MEDIUM (03-176)

Differential medium for determining the motility, production of H₂S and indole formation

03-176-500	500g	
03-176-100	100g	



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**

Medium for the verification of the use of citrate in Enterobacteriaceae ISO 10273.

01-177-500	500g	
01-177-100	100g	
064-TA0106	20 slanted agar tubes	



Salmonella typhimurium ATCC 14028

SLANETZ-BARTLEY AGAR (01-579)**ISO**

Selective differential medium for the enumeration of enterococci in accordance with ISO 7899-2 for water quality.

01-579-500	500g	
01-579-100	100g	
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) (01-541)**ISO**

Selective and differential solid medium for detection of enterohaemorrhagic *E. coli* O157: H7 according to ISO 16654.

01-541-500	500g	
01-541-100	100g	



Escherichia coli ATCC 35150 ser O157:H7

SPORULATION AGAR (01-069)**→ AK AGAR****USP**

Medium for the preparation of bacterial spore suspensions.

01-069-500	500g	
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SPS AGAR (01-050)**→ CLOSTRIDIUM PERFRINGENS SELECTIVE AGAR****BAM**

Solid medium for identification of *Clostridium perfringens* and sulphite reducing clostridia in foods.

01-050-500	500g	
01-050-100	100g	
064-PA0073	20 plates of 90 mm 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

Center: *Clostridium perfringens* ATCC 13124

Right: *Clostridium perfringens* ATCC 12917

SS AGAR (01-555)**→ SEE SALMONELLA SHIGELLA AGAR****STUART & RINGERTZ TRANSPORT MEDIUM (03-454)****C €**

Medium for the conservation and transport of pathogenic samples or fastidious microorganisms.

03-454-500	500g	
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TBA (TRYPTONE BILE AGAR) (01-526)**ISO**

Culture medium for the rapid and direct enumeration of *E. coli* according to ISO 9308.

01-526-500	500g	
01-526-100	100g	
064-PF0014	30 plates of 55mm Ø	

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

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

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

 : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

TBX AGAR (01-619)**ISO / SL**

Chromogenic medium for detection and isolation of *E. coli* in diverse samples, especially food according to ISO 16649.

01-619-500	500g	
01-619-100	100g	
064-PA0945	20 plates of 90mm Ø	
064-BA0945	10 flasks of 100ml	

Blue colonies: *Escherichia coli* ATCC 25922Colourless colonies: *Salmonella Abony* NCTC 6017**TCBS AGAR (01-567)****AOAC / BAM / COMPF / ISO**

TCBS agar is particularly recommended for selective isolation of vibrio that cause choleric diseases or dysenteric diarrhoea and the examination of food suspected of carrying them. According to ISO 8914.

01-567-500	500g	
01-567-100	100g	

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

→ SEE CHAPMAN TTC AGAR

TETRATHIONATE BILE BRILLIANT GREEN BROTH BASE (EUR. PHARM.) (02-629)**EP**

Liquid medium for the selective enrichment of *Salmonella* spp. in the examination of pharmaceutical products. Potassium tetrathionate must be added to the medium.

02-629-500	500g	
02-629-100	100g	

**TETRATHIONATE MÜLLER-KAUFFMANN BROTH (02-335)**

→ TETRATHIONATE ACC. TO MÜLLER-KAUFFMANN BROTH

DIN / ISO

Medium for selective enrichment of *Salmonella* spp. in accordance with ISO 6579.

02-335-500	500g	
02-335-100	100g	
064-BA1024	10 flasks of 100ml	
064-TA1024	20 tubes of 10ml	

BRILLIANT GREEN SELECTIVE SUPPLEMENT**WITH NOVOBIOCIN**

06-017CASE 10 vials 

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 14028Center: *Pseudomonas aeruginosa* ATCC 27853Right: *Escherichia coli* ATCC 25922**TGE AGAR (TRYPTONE AND GLUCOSE EXTRACT AGAR) (01-082)****BAM / COMPF / SMD**

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

01-082-500	500g	
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THIOGLYCOLLATE BROTH (02-186)**AOAC / BAM / EP / USP****C €**

Medium for the control of sterility, especially in cloudy or viscous products

02-186-500	500g	
02-186-100	100g	

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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THIOGLYCOLLATE MEDIUM FLUID (03-187)**HP / AOAC / BAM / CMPI / COMPF / EP / ISO / USP**

Fluid medium for the control of sterility according to the harmonized Pharmacopoeia employed in the cultivation of micro-aerobic and anaerobic microorganisms.

03-187-500	500g	
03-187-100	100g	
064-BA1026	10 flasks of 100ml	
064-TA0134	20 tubes of 9ml	



First tube: Uninoculated tube

Second tube: *Escherichia coli* ATCC 8739Third tube: *Pseudomonas aeruginosa* ATCC 9037Fourth tube: *Clostridium sporogenes* ATCC 19404

ALOA Listeria Agar
Available in this catalogue, see page 8

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

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

 : Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

TRYPTONE WATER (03-156)

→ PEPTONE WATER

COMPF / ISO / SMWW

Diluent of low nutritional capacity that allows research of indole production. According ISO 7251.

03-156-500	500g	
03-156-100	100g	
064-BA1023	10 flasks of 100ml	
064-TA0115	20 tubes of 10ml	
064-TA0847	20 tubes of 9ml	
064-TA2155	20 tubes of 9ml with TLHTh	



Left: Uninoculated tube

Center: *Salmonella typhimurium* ATCC 14028Right: *Escherichia coli* ATCC 25922**TRYPTONE YEAST EXTRACT AGAR (01-590)****ISO**

Solid medium for the enumeration of microorganisms in water in accordance with ISO 6222.

01-590-500	500g	
01-590-100	100g	
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 indole according to ISO 9308.

02-418-500	500g	
064-TA0120	20 tubes of 9ml	

TSA (TRYPTIC SOY AGAR) (01-200)

→ MEDIUM B OF THE EUR. PHARM. 5TH ED.

→ CASEIN SOY BEAN DIGEST AGAR

HP / BAM / COMPF / ISO / EP / USP

Solid medium for general use containing animal and plant peptones.

01-200-500	500g	
01-200-100	100g	
064PA0031I	20 irradiated plates of 90mm Ø	
064-PA0138	20 irradiated plates of 90mm Ø triple packaging	
064PA0075I	20 irradiated plates of 90mm Ø with TLHTh	
064-PA0139	20 irradiated plates of 90mm Ø triple packaging with TLHTh	
064-PF0026	30 plates of 55mm Ø	
064-PR0004	30 contact plates	
064-PR0005	30 contact plates with TLHTh	
064-PR0038	24 contact plates triple packaging	
064-PR0013	24 contact plates 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 LECITHIN AND POLYSORBATE (01-613)**

→ MICROBIAL LOAD TEST AGAR

COMPF / SMD

Solid medium for use in the sampling of surfaces of sanitary relevance by means of contact plates.

01-613-500	500g	
01-613-100	100g	

**TSB IRRADIATED (IRRADIATED TRYPTONE AND SOY BROTH) (02-575)****HP / EP / ISO**

TSB broth sterilized by irradiation for special applications in the pharmaceutical industry.

02-575-500	6x500g	
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TSA PENASE (TRYPTONE SOY PENASE AGAR)

General purpose solid medium for use in environments with penicillin.

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

Supplements

Convenient press-shake-use vials
scharlau.com

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

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media



**Reagents
for histological
and bacteriological
staining**
scharlau.com

TSB (TRYPTIC SOY BROTH) (02-200)

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

→ SOY BEAN CASEIN DIGEST BROTH

HP / AOAC / BAM / COMPF / EP / USP

Highly nutritious liquid medium for general use: diluent, enrichment and sterility control

02-200-500	500g	
02-200-100	100g	
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 6017Center: *Escherichia coli* ATCC 8739

Right: Uninoculated tube

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	
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TSB W/O DEXTROSE (TRYPTIC SOY BROTH W/O DEXTROSE) (02-227)**BAM**Liquid culture medium for mass production of *Bacillus stearothermophilus* spores in sensitivity tests according to FDA-BAM.

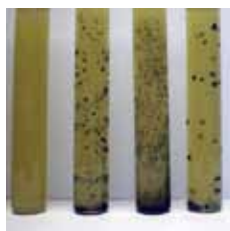
02-227-500	500g	
02-227-100	100g	

TSC (TRYPTOSE SULPHITE CYCLOSERINE AGAR) (01-278)**BAM / COMPF / ISO**Solid culture medium for the isolation and presumptive identification of *Clostridium perfringens* according to ISO 7937. According to ISO 6461 for the detection and enumeration of spores of sulphite-reducing anaerobic bacteria in water.

01-278-500	500g	
01-278-100	100g	
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 SUPPLEMENT06-116CASE 10 vials 

If desired, Sterile Egg Yolk Emulsion art. no. 06-016-100 can be added to the medium.



First tube: Uninoculated tube

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

→ MEDIUM M OF THE EUR. PHARM.

AOAC / BAM / EP / IDF / ISO / USP

Differential medium for the identification of Enterobacteria, according to the fermentation of three sugars (lactose, sucrose and glucose) and the production of hydrogen sulphide.

01-192-500	500g	
01-192-100	100g	
064-TA0177	20 slanted agar tubes	



First tube: tube control

Second tube: *Escherichia coli* ATCC 25922Third tube: *Salmonella typhimurium* ATCC 14028Fourth tube: *Shigella flexneri* ATCC 12022**TSN (TRYPTONE SULPHITE NEOMYCIN AGAR) (01-195)**Selective solid medium for the isolation of *Clostridium perfringens*.

01-195-500	500g	
01-195-100	100g	
064-PA6000	20 plates of 90mm Ø	
064-TA2156	20 tubes of 9ml	



First tube: Uninoculated tube

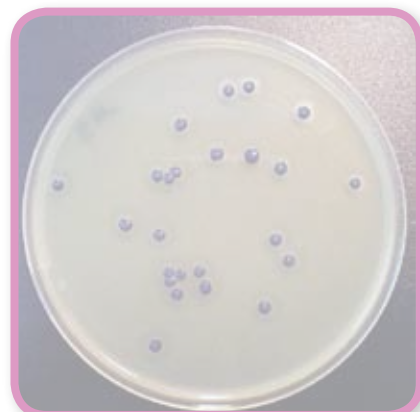
Second tube: *Clostridium perfringens* ATCC 13124Third tube: *Clostridium perfringens* ATCC 10543**UREA AGAR ACCORDING TO CHRISTENSEN (01-261)****COMPF / DIN / IDF / ISO / SMD**

Solid medium for detecting urea lysis, according to the formulation of Christensen.

01-261-500	500g	
01-261-100	100g	
064-TA0148	20 slanted agar tubes	

STERILE 40% UREA SOLUTION (Additive)

06-083-100	100ml	
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*Proteus mirabilis* ATCC 43071

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

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

UREA AND INDOLE BROTH (03-084)

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

064-TA0144 20 tubes of 2ml **UREA BROTH (02-202)****BAM / COMPF**

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

02-202-500 500g 02-202-100 100g 064-TA0107 20 tubes of 2ml **STERILE SOLUTION OF UREA 40% (Additive)**06-083-100 100ml Left: *Proteus mirabilis* ATCC 43071

Right: Uninoculated tube

UVM LISTERIA ENRICHMENT BROTH (02-472)**AOAC**Liquid culture medium for the enrichment of *Listeria* spp.02-472-500 500g 02-472-100 100g **SELECTIVE SUPPLEMENT FOR PRIMARY ENRICHMENT OF LISTERIA (UVM I)**06-106CASE 10 vials **SELECTIVE SUPPLEMENT FOR SECONDARY ENRICHMENT OF LISTERIA (UVM II / FRASER)**06-111CASE 10 vials 

Left: Uninoculated tube

Center: *Listeria monocytogenes* ATCC 19114Right: *Listeria monocytogenes* ATCC 7644


New website!
scharlau.com

VOGEL-JOHNSON AGAR (01-206)**BAM / ISO / USP**

Highly selective solid medium for isolation and identification of staphylococci. According to ISO 22718 for cosmetic samples.

01-206-500 500g 01-206-100 100g **STERILE SOLUTION OF 1% POTASSIUM TELLURITE (Additive)**06-089-100 100ml **VRB AGAR (VIOLET RED BILE AGAR) (01-164)****→ VRBL AGAR (VIOLET RED BILE LACTOSE AGAR)****COMPF / IDF / ISO**

Selective and differential agar for the detection and enumeration of coliforms. According to ISO 4832 for food samples.

01-164-500 500g 01-164-100 100g 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 **VRBD (VIOLET RED BILE DEXTROSE AGAR) (01-295)****→ VRBG AGAR (VIOLET RED BILE GLUCOSE AGAR)****HP / EP / ISO**

Solid medium for the enumeration of enterobacteria. According to ISO 4832 and 21528 for food samples.

01-295-500 500g 01-295-100 100g 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


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

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

CE: Culture medium declared as a sanitary product for *in vitro* diagnosis.: Dehydrated media not regularly in stock. Please consult delivery times.

Culture Media for Microbiology

Dehydrated and prepared culture media

**VRBLD
(VIOLET RED BILE WITH LACTOSE
DEXTROSE AGAR) (01-220)**

→ MEDIUM F OF THE EUR. PHARM. 5TH ED.

EP

Selective solid medium for detecting enterobacteria according to the Eur. Pharm

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

**WL NUTRIENT AGAR (01-210)**

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

01-210-500	500g	
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Please add the supplement art. no. 06-022CASE Cycloheximide to obtain the WL Differential Agar

*Candida albicans* ATCC 10231**WORT AGAR (01-132)**

Solid medium for cultivation, isolation and enumeration of fungi, especially yeast.

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

**WORT BROTH (02-132)**

Liquid culture medium for the enrichment of fungi, especially yeast.

02-132-500	500g	
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**XLD AGAR
(XYLOSE LYSINE DEOXYCHOLATE AGAR)
(EUR. PHARM.) (01-211)**

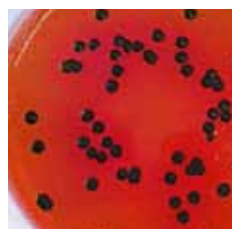
→ MEDIUM K OF THE EUR. PHARM. 5TH ED.

HP / BAM / COMPF / EP / ISO / USPSolid culture medium for the isolation of enteropathogenic species, especially *Salmonella* and *Shigella*, in accordance with Eur. Pharm.

01-211-500	500g	
01-211-100	100g	
064-PA0034	20 plates of 90mm Ø	

*Salmonella typhimurium* ATCC 14028**XLD AGAR (XYLOSE LYSINE
DEOXYCHOLATE AGAR) (ISO) (01-552)****BAM / COMPF / ISO**Solid culture medium for isolation of enteropathogenic species, especially *Salmonella* and *Shigella*, in accordance with ISO 6579.

01-552-500	500g	
01-552-100	100g	
064-PA1035	20 plates of 90mm Ø	

*Salmonella typhimurium* ATCC 14028**CRYOINSTANT®****Cryovials
for the preservation
of strains****YEPD BROTH (YEAST EXTRACT
PEPTONE DEXTROSE BROTH)
(02-473)**

→ YPD

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

02-473-500	500g	
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YGC

→ SEE CGA (CHLORAMPHENICOL GLUCOSE AGAR)

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

→ YEAST AND MALT EXTRACT AGAR

Solid medium for the cultivation of fungi and actinomycete.

01-219-500	500g	
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YSG AGAR (01-673)

→ YEAST STARCH GLUCOSE AGAR

IFUSolid medium for detection and isolation of *Alicyclobacillus* in juices, fruits and other acidic foods, according to method No. 12 of the IFU standard.

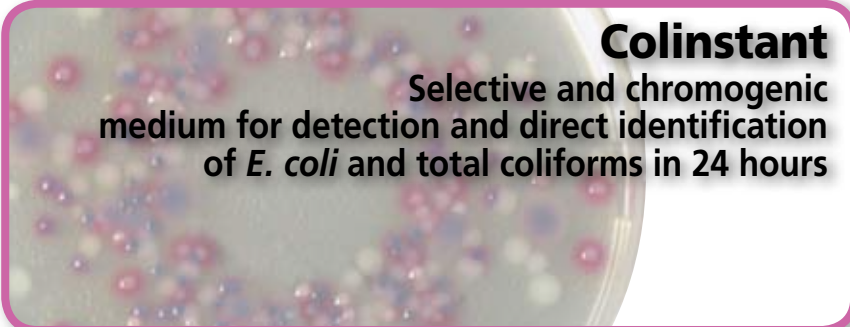
01-673-500	500g	
01-673-100	100g	

YSG BROTH (02-673)

→ YEAST STARCH GLUCOSE BROTH

IFULiquid culture medium for detection and enrichment of *Alicyclobacillus* in juices, fruits and other acidic foods, according to method No. 12 of the IFU standard.

02-673-500	500g	
02-673-100	100g	



Colinstant
Selective and chromogenic
medium for detection and direct identification
of *E. coli* and total coliforms in 24 hours

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

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

Dehydrated media not regularly in stock. Please consult delivery times.

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 Sulphite 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.

064-BA1018 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.

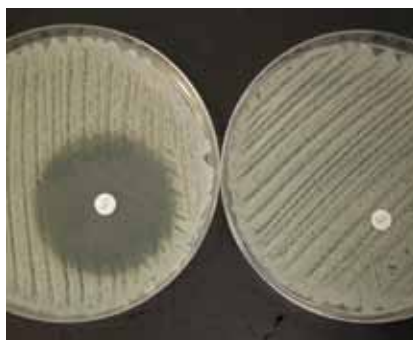
GL01250500	Dextrose (D-+)-Glucose	500g
LA00600500	Lactose	500g
06-052-500	Maltose	500g
MA01500500	Mannitol	500g
SA00250025	Sucrose (D-+)-Saccharose	500g

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
PO04100250	Potassium iodide	250g
YO00210100	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) (06-088)

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

06-088-100	Polisorbate 80	100ml
06-0881000	Polisorbate 80	1 l

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)

(continued)

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 (06-615)

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

06-615-100 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! scharlau.com

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References

Culture media for Microbiology

Selective supplements for culture media

Supplements in unique press-shake-use vials

SCHARLAU

What's new?

This new packaging system consists of improved new 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 500 ml of reconstituted medium.

NEW screw cap → No need to remove tamper-proof cover

NEW screw cap → Less pressure to break the seal and mix the components

NEW larger vial → Wider variety of supplements

NEW larger vial → Larger volumes of supplement are now available



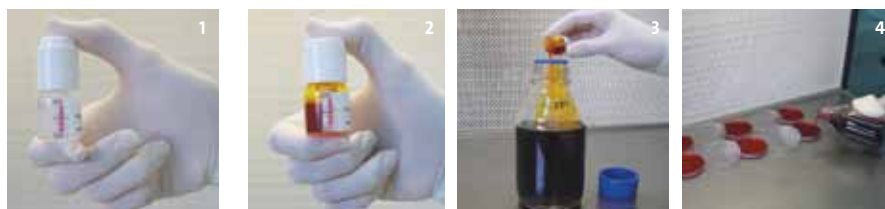
Features & benefits

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.

Each vial contains all the ingredients required to complete a given formulation of media.

This new packaging guarantees stability and performance and ensures maximum shelf life.

Products should be stored in the fridge at temperatures between 2 and 8°C and the shelf life is 2 years.



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 media 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. Freeze-dried solids easily and quickly dissolve.

Screw cap for easy and safe

The standard closure, 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



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

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

Method 2



Sterilised solvents included

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

Supplements - for the lab

Our standard vials are good for 500 ml of prepared medium.

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

Culture media for Microbiology

Selective supplements for culture media

Ordering information

Supplement	Cat. Number	Base
Brilliant Green + Novobiocin Selective Supplement	06-017CASE 06-017-LYO	Muller-Kauffmann Medium (Art. no. 2-335)
Polymyxin B Sulphate Selective Supplement	06-021CASE 06-021-LYO	Bacillus cereus Agar Base (MYPA) (Art. no. 1-262) Bacillus cereus Agar Base (PEMBA) (Art. no. 1-487)
Cycloheximide Selective Supplement	06-022CASE 06-022-LYO	WL Nutrient Agar (Art. no. 1-210)
MUG Supplement. Fluorescent Agent for Escherichia coli	06-102CASE 06-102-LYO	Tryptose Lauryl Sulfate Broth (Art. no. 2-108) Brilliant Green Bile 2% Broth (BGBL) (Art. no. 2-041) Violet Red Bile Agar (VRBA) (Art. no. 1-164)
Listeria Selective Supplement for Primary Enrichment UVM I	06-106CASE 06-106-LYO	Listeria Enrichment Broth UVM (Art. no. 02-472)
Listeria Selective Supplement for Enrichment acc. FDA and IDF/FIL	06-107CASE 06-107-LYO	Listeria Enrichment Lovett Broth (Art. no. 2-498)
Oxford Agar Selective Supplement for Listeria	06-109CASE 06-109-LYO	Oxford Selective Agar (Art. no. 1-471)
Palcam Agar Selective Supplement for Listeria	06-110CASE 06-110-LYO	Palcam Selective Agar (01-470)
Listeria Selective Supplement for Secondary Enrichment Fraser/UVMII	06-111CASE 06-111-LYO	Listeria Enrichment Broth Fraser (Art. no. 02-496) Listeria Enrichment Broth UVM (Art. no. 02-472)
Ferric Ammonium Citrate Supplement	06-112CASE 06-112-LYO	Listeria Enrichment Broth Fraser (Art. no. 02-496)
Ferric Ammonium Citrate Supplement	06-113CASE 06-113-LYO	Lactose Sulphite Broth (Art. no. 2-519)
Disodium Disulphite Selective Supplement	06-114CASE 06-114-LYO	Lactose Sulphite Broth (Art. no. 2-519)
Oxytetracycline Selective Supplement	06-115CASE 06-115-LYO	Sabouraud with Oxytetracycline Agar (OGYEA) (Art. no. 1-275).
Cycloserine Selective Supplement (Each vial supplement 250 ml of medium)	06-116CASE 06-116-LYO	Tryptose Sulphite Cycloserine agar (TSC) (Art. no. 1-278)*
Chloramphenicol Selective Supplement	06-118CASE	Sabouraud Dextrose Agar (Art. no. 1-165)
Nalidixic Acid Selective Supplement	06-124CASE 06-124-LYO	CN Selective Agar Base for Pseudomonas (Art. no. 1-609)
m-CP Selective Supplement	06-125CASE 06-125-LYO	m-CP Agar (Clostridium perfringens Agar) (Art. no. 1-513)
Basic Fuchsin 250 selective Supplement Ampicillin Selective Supplement	06-607CASE 06-126-LYO	Endo Agar (Art. no. 01-589) Blood Agar (Art. no. 01-352) Columbia Blood Agar (Art. no. 01-034)
Campylobacter Bolton Selective Supplement	06-129-LYO	Campylobacter Bolton Broth (Art. no. 02-688)
Campylobacter Bolton_ISO Selective Supplement	06-131-LYO	Campylobacter Bolton Broth (Art. no. 02-688)
Campylobacter Skirrow Selective Supplement	06-132-LYO	Columbia Blood Agar (Art. no. 01-034) Blood Agar Base n.2 (Art. no. 01-505)
Listeria Selective Supplement for Primary Enrichment Half Fraser (Each vial supplement 225 ml of medium)	06-136-LYO	Listeria Enrichment Broth Fraser (Art. no. 02-496) Listeria Enrichment Broth Fraser modif. (Art. no. 02-688)
Ferric Ammonium Citrate Supplement (half Fraser) (Each vial supplement 225 ml of medium)	06-134-LYO	Listeria Enrichment Broth Fraser (Art. no. 02-496) Listeria Enrichment Broth Fraser modif. (Art. no. 02-688)

Culture media for Microbiology

Selective supplements for culture media

Composition per vial	Directive, Standard	Microorganisms	Comments
5 mg of Brilliant green 20 mg of Novobiocin	ISO, BAM, COMPF, IDF	Salmonella	Needs Addition of: 064-V11108
50.000 IU Polymyxin B sulphate	ISO, AOAC, BAM, COMPF, IDF ISO, NMLK	Bacillus cereus	Needs Addition of: 06-016-100 Needs Addition of: 06-016-100
2 mg of Cycloheximide		Fermenting microorganisms	
50 mg of MUG (4-methylumbelliferil-β-D glucuronide)		Coliforms	
10 mg of Nalidixic acid 6 mg of Acriflavine	AOAC	Listeria	Needs Addition of: 06-111CASE or 06-111-LYO
20 mg of Nalidixic acid 25 mg of Cycloheximide 7,5 mg of Acriflavine	BAM, IDF	Listeria	
5 mg of Phosphomycin 1 mg of Sodium Cephotaxim 10 mg of Colistin 200 mg of Cycloheximide 2,5 mg of Acriflavine	ISO, BAM	Listeria	
5 mg of Polymyxin B sulphate 10 mg of Sodium ceftazidime 2,5 mg of Acriflavine	ISO	Listeria	
10 mg of Nalidixic acid 12,5 mg of Acriflavine	ISO AOAC	Listeria	Needs Addition of: 06-112CASE or 06-112-LYO
250 mg of Ferric ammonium citrate	ISO		Needs Addition of: 06-111CASE or 06-111-LYO
312 mg of Ferric ammonium citrate	ISO, EP	Clostridia	
375 mg of Disodium disulphite	ISO, EP	Clostridia	
50 mg of Oxytetracycline	ISO, EP, USP	Yeasts and Moulds	
100 mg of Cycloserine	ISO, BAM COMPF	Clostridia	
25 mg of Chloramphenicol	EP, USP	Yeasts and Moulds	
7,5 mg of Nalidixic acid 5 mg of Colistin sulphate	ISO, EN	Pseudomonas	
200 mg of D-Cycloserine 12,5 mg of Polymyxin B sulphate 30 mg of 3-indoxyl-β-D-glucopyranoside 50 mg of Phenolphthalein diphosphate 45 mg of Iron III Chloride	Directive 98/83/CE	Clostridia	
250 mg of basic Fuchsin 25 mg of Ampicillin	AOAC, COMPF, SMD	Coliforms Aeromonas	
10 mg of Vancomycin 10 mg of Cefoperazone 10 mg of Trimethoprim 25 mg of Cycloheximide		Campylobacter	
10 mg of Vancomycin 10 mg of Cefoperazone 10 mg of Trimethoprim 5 mg of Anphotericine B sulfato	ISO	Campylobacter	
5 mg of Vancomycin 2,5 mg of Trimethoprim 1250 iu Polymyxin B sulphate		Campylobacter	
2,25 mg of Nalidixic acid 2,81 mg of Acriflavine	ISO	Listeria	Needs Addition of: 06-134-LYO
112,5 mg of Ferric ammonium citrate	ISO	Listeria	Needs Addition of: 06-136-LYO

Culture media for Microbiology

Selective supplements for culture media

Ordering information

Supplement	Cat. Number	Base
Legionella BCYE Growth Supplement	06-137-LYO	Legionella CYE Agar (Art. no.01-687)
Legionella GVPC Selective Supplement	06-138-LYO	Legionella CYE Agar (Art. no.01-687)
Novobiocin Selective Supplement	06-139-LYO	Rappaport Vasiisliadis semisolid Medium (MSRV) (Art. no. 03-376) TSB Modified (Art. no. 02-691)
Colistin - Nalidixic Acid Selective Supplement (C/NA)	06-013-LYO	Blood Agar (Art. no. 01-352) Columbia Blood Agar (Art. no. 01-034)
Yersinia Selective Supplement	06-143-LYO	Yersinia CIN Agar (Art. no. 01-444)
Vitalizing Supplement	06-144-LYO	GC Agar (Art. no. 01-310)
Coliforms CV Selective Supplement	06-140-LYO	Colinstant Agar (Art. no. 01-618)
VCAT Selective Supplement	06-141-LYO	GC Agar (Art. no. 01-310)
VCNT Selective Supplement	06-142-LYO	GC Agar (Art. no. 01-310)

**Broths and diluents
in bags (FlexiBags)
scharlau.com**



Culture media for Microbiology

Selective supplements for culture media

Composition per vial	Directive, Standard	Microorganisms	Comments
5 g of Buffer/Potassium hydroxide 125 mg of Ferric pyrophosphate 200 mg of L-cysteine 500 mg of alfa-Ketoglutarate	ISO	Legionella	
1,5 g of Glycine	ISO	Legionella	Needs Addition of 06-137-LYO
39600 IU of Polymyxin B sulphate 40 mg of Cycloheximide 10 mg of Novobiocin	ISO ISO, BAM	Salmonella E. coli 0157:H7 Gram-positive cocci	
5 mg of Colistin sulphate 7,5 mg of Nalidixic acid		Yersinia	
7,5 mg of Cefsulodin 2 mg of Irgasan 1,25 mg of Novobiocin	ISO	Fastidious microorganisms growth promotion	
0,1 mg of Vitamin B12 100 mg of L-glutamine 10 mg of Adenine SO4 0,3 mg of Guanine HCl 0,13 mg of p-Aminobenzoic acid 11 mg of L-cystine 2,5 mg of NAD 1 mg of Cocarboxylase 0,2 mg of Ferric nitrate 0,03 mg of Vitamin B1 (Thiamine HCl) 259 mg of Cysteine HCl 1 g of Glucose*		* Glucose is included in the diluent vial	
2,5 mg of Cefsulodin 2,5 mg of Vancomycin		E. coli/Coliforms	
1 mg of Vancomycin 3,75 mg of Colistin sulphate 1,5 mg of Trimethoprim 0,5 mg of Anphotericine B sulfato		Pathogenic Neisseria	
1,5 mg of Vancomycin 3,75 mg of Colistin sulphate 2,5 mg of Trimethoprim 6250 IU of Nystatin		Pathogenic Neisseria	



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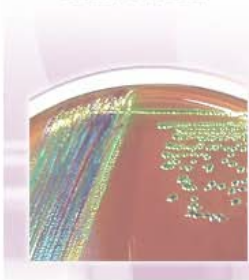
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- ⊗ Auxiliary reagents
- ⊗ Basic analytics
- ⊗ Chromatography

- ⊗ By application
- ⊗ By parameter / microorganism

- ⊗ By application
- ⊗ By parameter / microorganism

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
07-004-100	Agar Bacteriological	100 g
07-004-500	Agar Bacteriological	500 g
07-490-100	Agar-agar	100 g
07-490-500	Agar-agar	500 g
AM02730500	Ammonium chloride, reagent grade	500 g
AR00500005	D-(-)-Arabinose, for bacteriology	5 g
AR01250050	L-Arginine extra pure	50 g
AS00150025	L-Asparagine	25 g
07-515-100	Beef Extract	100 g
07-039-100	Bile	100 g
07-039-500	Bile	500 g
07-525-500	Bile salts n. 3	500 g
SO10040250	Buffer solution pH = 4,00	250 ml
SO10070250	Buffer solution pH = 7,00	250 ml
07-151-100	Casein acid hydrolysate	100 g
07-151-500	Casein acid hydrolysate	500 g
07-154-100	Casein pancreatic peptone	100 g
07-154-500	Casein pancreatic peptone	500 g
07-119-100	Casein tryptic peptone (tryptone)	100 g
07-119-500	Casein tryptic peptone (tryptone)	500 g
CI03050025	L-Cysteine hydrochloride anhydrous, extra pure	25 g
CI03150100	L-Cystine, extra pure	100 g
06-114-025	Disodium metabisulphite	25 g
ET00131000	Ethanol 96% v/v, Multisolvent®	1 l
ET00021000	Ethanol absolute, synthesis grade	1 l
06-112CASE	Ferric ammonium citrate for bacteriology	Case 10 v.

Art. No.	Description	Capacity
06-113-025	Ferric Ammonium Citrate	25 g
LE00700500	D-(-)-Fructose, extra pure	500 g
FU00600025	Fuchsin basic, C.I. 42510,	25 g
07-153-100	Gelatin pancreatic peptone	100 g
07-153-500	Gelatin pancreatic peptone	500 g
GE00200250	Gelatine powder, for analysis and bacteriology	250 g
GL01250500	D-Glucose (Dextrose)	500 g
GL00261000	Glycerol, 99,5%	1 l
HI04050025	L-Histidine hydrochloride monohydrate, extra pure, Ph Eur	25 g
AC07461000	Hydrochloric acid, solution 0,1 mol/l (0,1 N)	1 l
AC07441000	Hydrochloric acid, solution 1 mol/l (1 N)	1 l
HI01351000	Hydrogen peroxide, 30% w/w, extra pure	1 l
HI03360500	Iron(III) chloride hexahydrate, extra pure	500 g
IS01400025	L-Isoleucine, extra pure	25 g
AC00310100	Immersion oil, for microscopy	100 ml
07-455-100	Lactalbumin hydrolysate	100 g
07-455-500	Lactalbumin hydrolysate	500 g
LA00600500	D-(+)-Lactose monohydrate	500 g
LE00550025	L-Leucine, extra pure, Ph Eur, USP	25 g
07-342-100	Lecithin	100 g
07-342-500	Lecithin	500 g
LI00351000	L-Lysine monohydrochloride, synthesis grade	1 kg
07-080-100	Malt extract	100 g
07-080-500	Malt extract	500 g
06-052-100	Maltose	100 g
06-052-500	D- Maltose	500 g
MA01500500	(-)-Mannitol, reagent grade	500 g
MA01600010	D-(+)-Mannose, for biochemistry	10 g
07-075-100	Meat extract	100 g
07-075-500	Meat extract	500 g
07-515-500	Meat Extract n. 1 (Beef Extract)	500 g
07-152-100	Meat peptone	100 g
07-152-500	Meat peptone	500 g
OR00550025	L-Ornithine hydrochloride, extra pure	25 g
07-489-100	Peptone from casein	100 g
07-489-500	Peptone from casein	500 g
07-620-100	Potato peptone	100 g

Art. No.	Description	Capacity
07-620-500	Potato peptone	500 g
PO04100250	Potassium iodide, reagent grade, ACS, ISO	250 g
07-625-100	Proteose peptone n.3	100 g
07-625-500	Proteose peptone n.3	500 g
RA00250025	D-(+)-Raffinose pentahydrate, for biology	25 g
RI00250005	D-(-)-Ribose, extra pure	5 g
AC19900010	Rosolic acid, C.I. 43800, indicator, for microscopy	10 g
SA00200500	D-(+)-Saccharose, extra pure	500 g
SA02000025	D-Salicin, for biochemistry	25 g
SE01050010	L-Serine, extra pure	10 g
06-019-100	Skimmed mild, powder	100 g
06-019-500	Skimmed mild, powder	500 g
07-644-100	Sodium deoxycholate	100 g
07-644-500	Sodium deoxycholate	500 g
SO04000500	Sodium L-glutamate monohydrate, extra pure	500 g
07-636-100	Sodium pyruvate	100 g
07-636-500	Sodium pyruvate	500 g
SO08500250	D-(-)-Sorbitol, extra pure	250 g
07-155-100	Soy peptone	100 g
07-155-500	Soy peptone	500 g
TR00300005	D-Trehalose, for bacteriology	5 g
TR04000025	L-Tryptophan, extra pure	25 g
TI03250100	L-Tyrosine, extra pure	100 g
VA00550025	L-Valine, extra pure	25 g
XI00800100	D-(+)-Xylose, extra pure	100 g
07-079-100	Yeast extract	100 g
07-079-500	Yeast extract	500 g
07-197-100	Tryptose	100 g
07-197-500	Tryptose	500 g
TR04441000	Triton® X-100, extra pure	1 l
CI01450500	Zinc, powder, extra pure	500 g

Microbiology chemicals

scharlau.com



Culture Media for Microbiology

Chromogenic media CHROMagar™

Scharlab S.L. now 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.

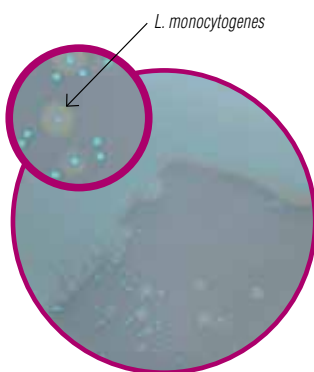
Why should you start using CHROMagar™?

- 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™ 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.

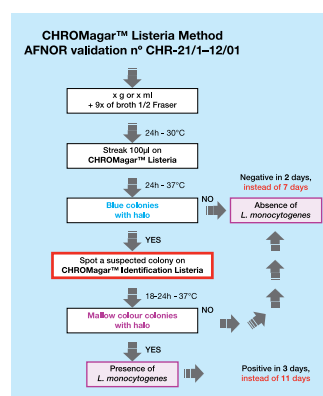
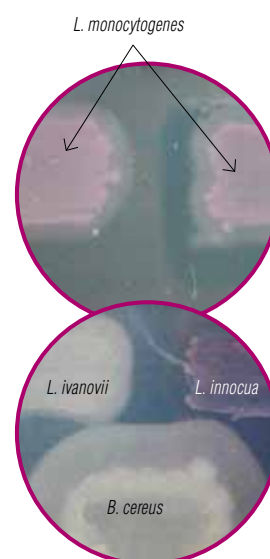
Art. No. 00000LM852 Presentation Dehydrated medium for 5 litres*

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.

CHROMagar™ Identification Listeria +

CHROMAGAR



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

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

A **CHROMagar™ Listeria method** 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.

Filtration plates

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

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

Culture Media for Microbiology

Chromogenic media CHROMagar™

Salmonella

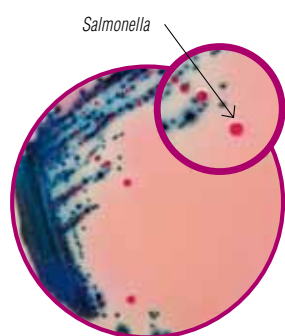
CHROMAGAR

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** will eliminate most false positives. Since **Rambach™ Agar** or **CHROMagar™ Salmonella** 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



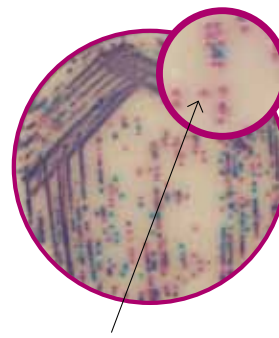
Art. No.	Presentation
00000RR701	4 x 1 litre*
00000RR703	25 litres*
064-PA0082	20 plates 90mm (Colorex®) 

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

→ ⁽³⁾ Gruenewald R et. al. 1991. J. Clin. Microbiol. 29: 2354-2356.

CHROMagar™ Salmonella Plus +

CHROMAGAR



Salmonella, including
S. typhi, *S. paratyphi*,
Salmonella lactose positive

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 new 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.

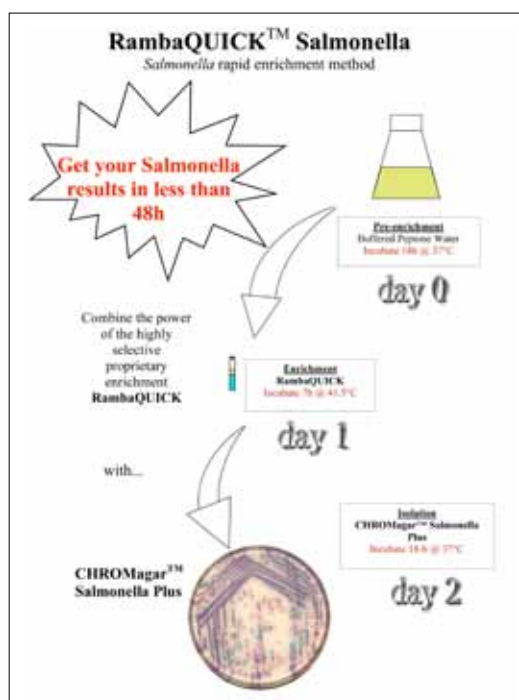
Art. No.	Presentation
00000SA162	Dehydrated medium for 5 litres*
064-PA0083	20 plates 90mm (Colorex®) 

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 lactosa</i> positivas	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 diagram on the left).

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

Culture Media for Microbiology

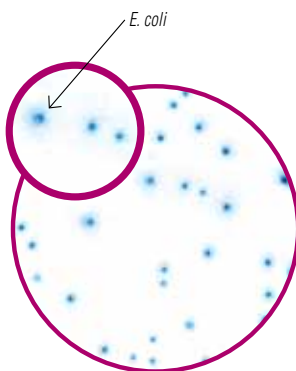
Chromogenic media CHROMagar™

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 negatives	Colourless
Gram positivos	Inhibited

→ ⁽⁹⁾ Alonso et al. 1996. *J. Microbiol. Methods* 25: 309-315.CHROMagar™ Liquid ECC

CHROMAGAR

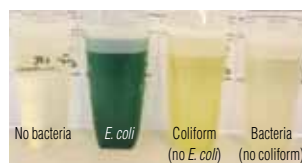
CHROMagar™ Liquid ECC is used as a broth for the pad technique for the detection of *E. coli* and coliforms in water samples⁽¹⁰⁾. The inoculated filtration membrane is put on top of a pad presoaked with CHROMagar™ Liquid ECC.

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 positivos	Inhibited	—

→ ⁽⁹⁾ Alonso et al. 1999. *Applied & Env. Microbiol.* 65: 3746-3749.AquaCHROM™

CHROMAGAR



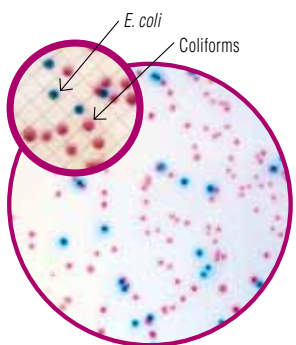
Chromogenic medium for the detection of coliforms and *E. coli* in water samples (100ml). By using 2 chromogenic substrates UV light is not needed to detect the presence of *E. coli*.

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*



+ Culture medium used in clinical applications.

 Culture medium used in industrial applications.

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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. hermanii*, 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.

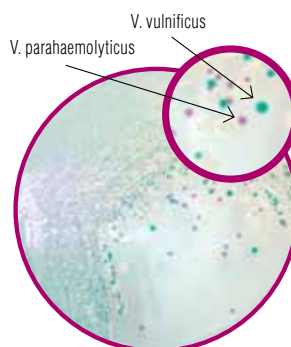
Art. No.	Presentation
00000EE222	Dehydrated medium for 5 litres*
00000EE223	Dehydrated medium for 25 litres*
064-PA0080	20 plates 90mm (Colorex®) 

Microorganism	Colony colour	Sensitivity & Specificity
<i>E. coli</i> O157	Mauve colour	98% ⁽²⁾
<i>E. coli</i> spp.	Blue	—
Other	Blue, Colourless, 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.

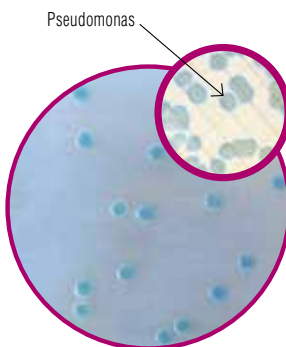
Art. No.	Presentation
00000VB912	5 litres*

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).

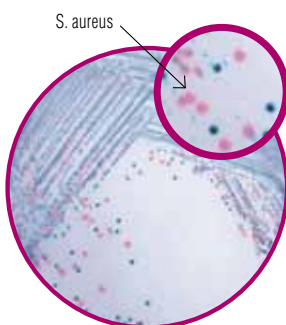
One can use the membrane filtration method for detection from 100 ml of water, with the inoculated membrane placed on the agar plate.

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*
00000TA653 2	Dehydrated medium for 5 litres*

Microorganism	Colony colour	Sensitivity	Especificidad
<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: Colorex® is the trademark for CHROMagar™ prepared media.

NOTA: 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®) (90)

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™ 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, 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.

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.

Art. No.	Presentation
00000MR502	Dehydrated medium for 5 litres*
00000MR513	Dehydrated medium for 25 litres*

Microorganism	Colony colour	Sensitivity	Especificidad
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// Diederer et al. 2005. J. Clin. Microbiol. 43: 1925-1927.

Increase the power of CHROMagar™ Orientation by using highly selective supplements: CHROMagar™ ESBL supplement (enables the detection of organisms that produce ESBL (Extended Spectrum β -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	Supplement KPC	For 5 litres
00000ES372	Supplement ESBL	For 5 litres
00000X079	Supplement CTX-M	For 5 litres

**A large range
of culture media
scharlau.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: Colorex® is the trademark for CHROMagar™ prepared media.

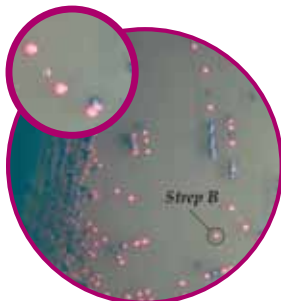
NOTA: CHROMagar™ and Rambach™ are Dr. A. Rambach trademarks.

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

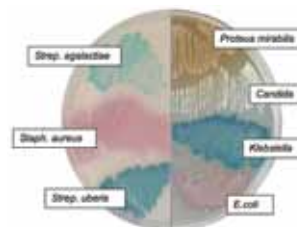
Microorganism	Presentation
00000SB282	Dehydrated medium for 5 litres*
00000SB283	Dehydrated medium for 25 litres*

Microorganism	Colour of the colony	Sensitivity
<i>S. agalatae</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.

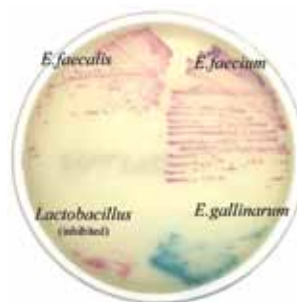
CHROMagar™ Mastitis is a powerful tool for quick and easy differentiation of the key bacteria involved in these infections. Consists of a kit with 2 different chromogenic media, one for gram-positive bacteria and one for gram-negative bacteria.

Art. No.
OX074-X076

Presentation
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.
00000VR952
00000VR953

Presentation
Dehydrated medium for 5 litres*
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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NOTA: CHROMagar™ and Rambach™ are Dr. A. Rambach trademarks.

Culture Media for Microbiology

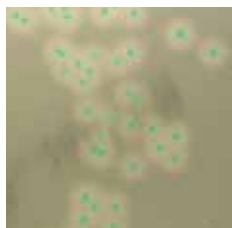
Chromogenic media Scharlau

ALOA (AGAR LISTERIA ACCORDING TO OTTAVIANI & AGOSTI)

ISO

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

064-PA0084 20 plates 90mm

*Listeria monocytogenes*

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 indole 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 °C.

Interpretation. Total coliforms turn the medium a green colour. *Escherichia coli* emit fluorescence under UV light and test positive for indole *.

→ *For the indole test add 2-3 ml of Kovacs reagent (ref. 06-018).

064-BACOLI 10 flaks of 100ml



COLINSTANT CHROMOGENIC 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 -glucoside)

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



01-618-100 100g



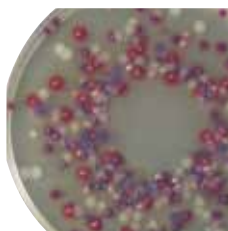
064-PA6015 20 plates of 90 mm Ø



064-PF6015 30 plates of 55 mm Ø



→ In waste water samples it is necessary to add selective substances.



Violet-Blue colonies: *E. coli*

Salmon red colonies: coliform

Colourless colonies: all other gram-negative bacteria

TBX AGAR (01-619)

ISO / SL

Tryptone Bile X-B-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



01-619-100 100g



064-BA0945 10 flasks of 100 ml



064-PA0945 20 plates of 90 mm Ø

*Escherichia coli* ATCC 25922 *Salmonella abony* NCTC 6017

**Broths and diluents
in bags (FlexiBags)**
scharlau.com



Culture Media for Microbiology

Reagents and biochemical tests

Reagents and biochemical tests

SCHARLAU

MacFarland Standard

Visual turbidity standard for semi-quantitative comparison counting without the need for special tools.

Art. No.	Description	Units
064-TA0150	MacFarland 0.5	1 tube of 5ml
064-TA0145	MacFarland 1	1 tube of 5ml
064-TA0149	MacFarland 2	1 tube of 5ml
064-TA2157	MacFarland 3	1 tube of 5ml
064-TA2127	MacFarland 4	1 tube of 5ml

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

β-Glucuronidase Broth

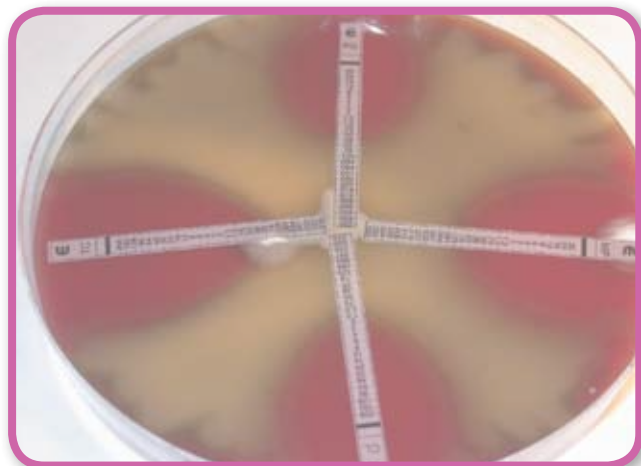
β-Glucuronidase Broth for the identification of Enterobacteria.

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



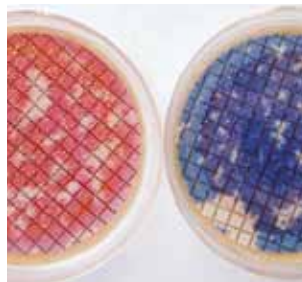
Indole test



Tryptone water supplemented with tryptophan especially suited to test indole.

Art. No.	Description	Units
064-TA0132	Indole Test	20 tubes of 2ml

To detect the production of indole 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, Indole and Nitrite Medium for SIM Fluid Medium, Indole 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 (Indole Test, ref. TA0132-064). In either case after incubation, the reading is done with the Kovacs reagent.

Art. No.	Description	Units
06-018-100	Kovacs Reagent	100ml
06-0181000	Kovacs Reagent	1 l
06-639-100	Kovacs Reagent	100ml
	For rapid test in accordance with ISO 9308-1	
06-6391000	Kovacs Reagent	1 l
	For rapid test in accordance with ISO 9308-2	

Methyl Red Test

Indicator solution to test for fermentation of glucose via the mixed-acid pathway in Enterobacteria.

Art. No.	Description	Units
06-007-100	Methyl Red Solution	100ml
06-0071000	Methyl Red Solution	1 l



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

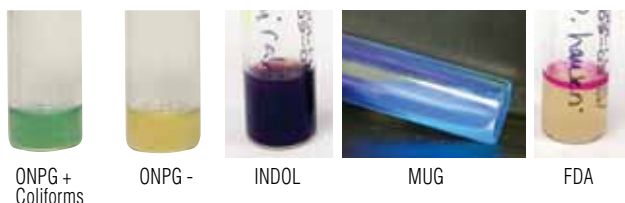
Culture Media for Microbiology

Reagents and biochemical tests

Reagents and biochemical tests (continued)

SCHARLAU

ONPG-FDA-MUG-INDOLE 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 indole (adding Kovacs reagent), for the identification of Enterobacteria.

Art. No.	Description	Units
064-TA0203	ONPG-FDA-MUG-INDOL test	20 tubes of 2ml

Ornithine Test

Means for detecting decarboxylation of ornithine.

Art. No.	Description	Units
064-TA0131	Ornithine Test	20 tubes of 2ml

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
06-0570005	Oxidase Reagent	5g

Reagent for Catalase Activity

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

Reagent for DNase Activity



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

Reagent, Nessler

Reagent to detect the production of ammonia from a peptone or arginine.

Art. No.	Description	Units
RE00500250	Nessler Reagent	250ml

Reagent for T.D.A. (Tryptophan Deaminase Activity) and for the deamination of phenylalanine

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
06-006-100	O'Meara Reagent(B)	100ml
06-027-100	Barrit Reagent (Alpha-Naphtol) (A)	100ml

Oxford towers

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

Culture media for molecular biology

Culture media for molecular biology

SCHARLAU

LB Broth (02-384)

General purpose liquid medium recommended for use in studies of molecular genetics using *E. coli*.

Art. No.	Presentation
02-384-500	500g

MacConkey Agar (01-118)

Differential and selective medium for detecting, isolating and enumerating the coliforms from various samples.

Art. No.	Presentation
01-118-500	500g
01-118-100	100g

LB Broth according to Lennox (02-406)

General purpose liquid medium recommended for use in studies of molecular genetics using *E. coli*.

Art. No.	Presentation
02-406-500	500g

MacConkey Broth (02-118)

Liquid medium for the detection and enumeration of enterobacteria by means of MPN.

Art. No.	Presentation
02-118-500	500g
02-118-100	100g

LB Agar according to Miller (01-385)

General purpose solid medium recommended for use in studies of molecular genetics using *E. coli*.

Art. No.	Presentation
01-385-500	500g
01-385-100	100g

YEPD Broth
(Yeast Extract, Peptone and Dextrose Broth) (02-473)

Solid medium for the cultivation of a large variety of heterotrophic microorganisms.

Art. No.	Presentation
02-473-500	500g

LB Broth according to Miller (02-385)

General purpose liquid medium recommended for use in studies of molecular genetics using *E. coli*.

Art. No.	Presentation
02-385-500	500g
02-385-100	100g



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Online Catalogue - COA - MSDS:

Reference:

Product name:

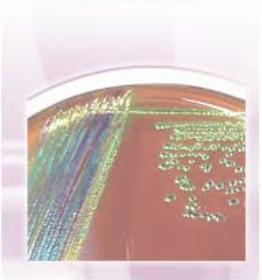
CAS:

Home » Products

Chemicals

Dehydrated Culture Media

Prepared Culture Media


- ⊗ Auxiliary reagents
- ⊗ Basic analytics
- ⊗ Chromatography
- ⊗ Inorganic trace analysis

- ⊗ By application
- ⊗ By parameter / microorganism
- ⊗ By product

- ⊗ By application
- ⊗ By parameter / microorganism
- ⊗ By product

Culture Media for Microbiology

Culture media for food analysis

Art. No.	Flask 500g	Flask 100g	20 plates of 90mm 20 plates of 90mm with TTC (17)	20 irradiated plates of 90mm	30 contact plates of 55mm 12 contact plates of 55mm with TLHrh (18)	10 flasks of 90ml (Agar) (4) 10 flasks of 100ml (Agar) (5) 10 flasks of 150ml (Broth) (15) 10 flasks of 200ml (Broth) (7)	10 flasks of 90ml (Broth) (4) 10 flasks of 100ml (Broth) (5) 10 flasks of 150ml (Broth) (15) 10 flasks of 200ml (Broth) (7)	10 flasks of 90ml (Agar) (4) 10 flasks of 100ml (Agar) (5) 10 flasks of 150ml (Broth) (15) 20 flasks of 200ml (Agar) (7)	20 tubes of 10ml (Broth) (8) 20 tubes of 50ml (Agar) (10) 20 slanted Agar tubes (15) 20 tubes of 2ml (20)	2 bags of 5 lines (1) 3 bags of 3 lines (2) 3 bags of 2 lines (3)	SCHARLAU
Diluents											
Alkaline Peptone Water (Vibrios)											
Tryptone Phosphate Water (buffered peptone water) ISO	02-468-500 02-277-500	02-277-100							064-TA0100 (9)	064-BA01-5(11) 064-BA01-3(12) 064-BA01-2(13)	
Tryptone Water (Peptone Water) ISO	03-156-500	03-156-100							064-TA0115 (8) 064-TA0847 (9) 064-TA2155 (18)		
Maximum Recovery Diluent ISO	02-510-500	02-510-100							064-TA0073 (8) 064-TA6074 (9)	064-BA04-2(13)	
Purple Maximum Recovery Diluent ISO	02-631-500	02-631-100							064-TA0073 (8) 064-TA6733 (9)		
Ringer Powder	06-073-500								064-TA2120 (8) 064-TA2159 (9)		
Bacillus cereus											
Bacillus Cereus Agar ISO-7932, BAM	01-282-500		064-PA0032								
Blood Agar Base No. 2 ISO-7932, BAM	01-505-500	01-505-100	064-PA9997								
Bacillus Cereus Selective Agar ISO-21871	01-487-500										
Clostridium perfringens											
Tryptose Sulfite Cycloserine Agar (TSC Agar) ISO-7937, BAM	01-278-500	01-278-100						064-BA6020 (5)	064-TA6020 (8)		
Thioglycollate Fluid Medium ISO-7937, BAM	03-187-500	03-187-100						064-BA1026 (5)	064-TA0134 (9)		
Lactose Gelatin Medium ISO-7937	03-632-500	03-632-100							064-TA0846 (1)		
Lactose Sulfite Base Broth	02-519-500										
Motility Nitrate Medium ISO-7937, BAM	03-612-500	03-612-100									
Clostridium Perfringens, Selective Agar (SPS, Agar) BAM	01-050-500	01-050-100	064-PA0073						064-TA0110 (8) 064-TA2161 (2) 064-TA2115 (3)		
Coliforms and E. coli											
Mineral Modified Glutamate Base Medium ISO-16649	02-656-500	02-656-100									
Tryptone Bile Glucuronide Agar (TBX Agar) ISO-16649	01-619-500	01-619-100	064-PA0945					064-BA0945 (5)			
Brilliant Green Bile 2% Broth ISO-4831	02-041-500	02-041-100									
Colilstant Chromogenic Agar	01-618-500	01-618-100	064-PA6015								
Tryptose Laurysulfate Broth ISO-5541, BAM	02-108-500	02-108-100									
Violet Red Bile Agar (VRB Agar) ISO-4832	01-164-500	01-164-100	064-PA0049					064-BA6041 (7) 064-BA0485 (5)			
MacConkey sorbitol agar (<i>E. coli</i> O157) ISO-16654	01-541-500	01-541-100	064-PA0054						064-TA0485 (10)		
CT SMAC Agar (<i>E. coli</i> O157) ISO-16654			064-PA3144								
Enterobacteria											
EE Broth (Eur. Phar. Enrichment Broth Medium E) ISO-8523	02-064-500	02-064-100						064-BA2144 (5) 064-BA6073 (4)	064-TA0193 (2) 064-TA0189 (9)		
VRBD Agar ISO-21528/ISO-8523/ISO-5552/ISO-7402	01-295-500	01-295-100	064-PA0046					064-BA1011 (5)	064-TA0147 (10)		
Glucose Bromocresol Purple Agar ISO-8523	01-502-500	01-502-100			064-PR0006						
Nutrient Agar ISO-21528	01-635-500	01-635-100									
Sakazaki Agar (<i>Enterobacter sakazaki</i>)			064-PA0146								

(1) 20 tubes of 9ml with Durham tubes; (2) 20 tubes of 10ml double concentration; (3) 20 tubes 10ml with paraffine; (4) 10 flasks of 90ml (agar or broth); (5) 10 flasks of 100ml (agar o broth); (6) 10 flasks of 225ml (broth); (7) 10 flasks of 200ml (agar or broth); (8) 20 tubes 10ml (agar or broth); (9) 20 tubes of 9ml (broth); (10) 20 tubes of 15ml (agar); (11) 2 bags of 5 litres; (12) 3 bags of 3 litres; (13) 5 bags of 2 litres; (14) Kit: 4 flasks of 90ml + 4 vials of 10ml with RPF supplement; (15) 20 tubes of 19ml; (16) Add to TSYEB 9-18 g/l of Agar-Agar (art. no. 07-480) to obtain the formulation of the solid medium TSYEA; (17) With TTC; (18) With TLHrh; (19) 20 tubes of slanted agar; (20) 20 tubes of 2ml; (21) 20 tubes of 10ml double concentration and with Durham tubes.

Culture Media for Microbiology

Culture media for food analysis

Art. No.	Flask 500g	Flask 100g	20 plates of 90mm 20 plates of 90mm with TTC (17)	20 irradiated plates of 90mm	30 contact plates of 55mm 12 contact plates of 55mm with TLHth (18)	10 flasks of 50ml (Broth) (6) 10 flasks of 100ml (Broth) (5) 10 flasks of 200ml (Broth) (7) 10 flasks of 225ml (Broth) (6)	10 flasks of 90ml (Agar) (4) 10 flasks of 100ml (Agar) (5) 10 flasks of 200ml (Agar) (7)	20 tubes of 10ml (Broth) (8) 20 tubes of 5ml (Agar) (10) 20 slanted Agar tubes (9)	2 bags of 5 liter (11) 3 bags of 3 liter (12) 5 bags of 2 liter (9)	SCHARLAU
Streptococcus										
KAA Agar	01-263-500									
KAA Broth	02-263-500							064-TA0197(8)		SCHARLAU
Moulds and yeasts										
CGA Agar (VGC) ISO-7954/ISO-6611	01-386-500	01-386-100								
Dichloran Glycerin Selective Agar (DG18 Agar)	01-485-500									
Dichloran Rose Bengal Chloramphenicol (DRBC) Agar ISO-21257	01-657-500	01-657-100								
Potato Dextrose Agar (PDA) BAM	01-483-500	01-483-100	064-PA0015							
Rose Bengal Agar	01-301-500	01-301-100	064-PA0038		064-PR0007					
Sabouraud Oxidetracycline Agar Base (OGYEA) ISO-7954	01-275-500	01-275-100	064-PA3124							064-TA2146(8)
Sabouraud Dextrose Agar ISO, BAM	01-165-500	01-165-100	064-PA0025	064PA0025I	064-PR0002					
				064PA0026I	064-PR0003					064-TA2160(8)
Sabouraud Chloramphenicol Agar ISO	01-166-500	01-166-100	064-PA0026							SCHARLAU
Lactobacillus										
MRS Agar ISO-15214, IFU	01-135-500	01-135-100	064-PA0007							
MRS Broth ISO, IFU	02-135-500	02-135-100						064-TA0173(8)		SCHARLAU
Listeria										
Fraser Broth C/2 ISO-11290										
Listeria Enrichment Broth Base acc. to Fraser ISO-11290	02-496-500	02-496-100				064-BA5002(6)			064-BA02-5(11) 064-BA02-3(12) 064-BA02-2(13)	
Listeria Sel. AGAR - ALDO ISO-11290	01-471-500	01-471-100	064-PA0084							
Oxford Agar Base ISO-11290	01-470-500	01-470-100	064-PA0070							
Palmam Agar Base ISO-11290	01-505-500	01-505-100	064-PA9997							
Blood Agar Base no.2 ISO-11290, BAM	02-498-500	02-498-100								
Listeria Enrichment Broth Base acc. to Lovett ISO-11290 (16) BAM	02-498-500	02-498-100								
Listeria Enrichment Broth Base (UVM)	02-472-500	02-472-100								
Total enumeration of aerobic microorganisms										
Plate Count Agar (PCA) ISO-4833, BAM	01-161-500	01-161-100	064-PA0024	064PA0024I	064-PR0001				064-TA0199(8) 064-TA0325(10)	
Plate Count Skim Milk Agar ISO-4833	01-412-500	01-412-100	064-PA0044(17)		064-PR0020(18)					
Tryptone Glucose Extract Agar (TGE Agar) BAM	01-082-500									
Acid tolerant microorganisms										
Orange Serum Agar	01-675-500	01-675-100								
BAT Agar (<i>Alcalibacillus</i>) IFU	02-675-500	02-675-100								
BAT Broth (<i>Alcalibacillus</i>) IFU	01-673-500	01-673-100								
YSG Agar (<i>Alcalibacillus</i>) IFU	02-673-500	02-673-100								
YSG Broth (<i>Alcalibacillus</i>) IFU	01-674-500	01-674-100								

(1) 20 tubes of 9ml with Durham tubes; (2) 20 tubes of 10ml double concentration; (3) 20 tubes 10ml with paraffine; (4) 10 flasks of 90ml (agar or broth); (5) 10 flasks of 100ml (agar or broth); (6) 10 flasks 225ml (broth); (7) 10 flasks of 200ml (agar or broth); (8) 20 tubes 10ml (agar or broth); (9) 20 tubes of 9ml (broth); (10) 20 tubes of 15ml (agar); (11) 2 bags of 5 litres; (12) 3 bags of 3 litres; (13) 5 bags of 2 litres; (14) KtC: 4 flasks of 90ml + 4 vials of 10ml with RPT supplement; (15) 20 tubes of 19ml; (16) Add to 135TEB 9-18 g/l of Agar-Agar (art. no. 07-480) to obtain the formulation of the solid medium 135TEA; (17) With TTC; (18) With TLHth; (19) 20 tubes of slanted agar; (20) 20 tubes of 2ml; (21) 20 tubes of 10ml double concentration and with Durham tubes.

Culture Media for Microbiology

Culture media for food analysis

Art. No.	Flask 300g	Flask 100g	20 plates of 90mm 20 plates of 90mm with TTC (7)	20 irradiated plates of 90mm	30 contact plates of 55mm 12 contact plates of 55mm with TLHth (18)	10 flasks of 50ml (Broth) (4) 10 flasks of 100ml (Broth) (5) 10 flasks of 200ml (Broth) (7) 10 flasks of 250ml (Broth) (6)	10 flasks of 90ml (Agar) (4) 10 flasks of 100ml (Agar) (5) 10 flasks of 200ml (Agar) (7)	20 tubes of 10ml (Broth) (8) 20 tubes of 50ml (Broth) (9) 20 slanted Agar tubes (15) 20 tubes of 2ml (20)	20 tubes of 10ml (Agar) (8) 20 tubes of 50ml (Agar) (9) 20 slanted Agar tubes (15) 20 tubes of 2ml (20)	2 bags of 5 lines (1) 3 bags of 3 lines (2) 3 bags of 2 lines (3)	SCHARLAU
Salmonella											
Müller-Kauffmann Medium Base ISO-6579	02-335-500	02-335-100				064-BA1024(5)		064-TA1024(8)			
Rappaport-Vassiliadis Broth ISO-6579, BAM	02-379-500	02-379-100						064-TA0198(8)			
Rappaport-Vassiliadis Modified Semi-solid Medium Base ISO-6579	03-376-500	03-376-100									
Brilliant Green Modified Agar ISO-6579	01-309-500	01-309-100					064-BA3031(5)				
Hektoen Enteric Agar ISO-6579, BAM	01-216-500	01-216-100			064-PR0012						
Salmonella Plus Chromogenic Agar (Colorex®) ISO-6579	01-555-500	01-555-100									
Salmonella Shigella Agar (SS Agar) ISO-6579	01-552-500	01-552-100			064-PA0028						
XLD Agar ISO-6579, BAM	01-192-500	01-192-100			064-PA0035						
TSI Agar ISO-6579, BAM	01-261-500	01-261-100									
Urea Agar Base ISO-6579	02-336-500										
Decarboxylase Lysine Broth acc. to Taylor ISO-6579											
β-galactosidase (ONPG+FDA+MUG+Indole)											
VPRM Broth ISO-6579, BAM	02-207-500	02-207-100									
XLT-4 Agar					064-PA0003						
Shigella											
Acetate Differential Agar ISO-21567, BAM	01-665-500	01-665-100									
Shigella Broth ISO-21567, BAM	02-662-500	02-662-100									
Purple Broth Base ISO-21567	02-663-500	02-663-100									
Hektoen Enteric Agar ISO-21567	01-216-500	01-216-100			064-PR0012						
MacConkey Agar ISO-21567	01-118-500	01-118-100			064-PR0011		064-BA1003(5)				
XLD Agar ISO-21567	01-552-500	01-552-100									
XLT-4 Agar					064-PA0003						
Staphylococcus aureus and other species											
Baird Parker Agar Base	01-030-500	01-030-100			064-PR0008		064-BA1033(4)				
Baird Parker RPF Agar					064-PA0145		064-BA0RPF(14)				
Giolitti Cantoni Broth	02-230-500	02-230-100						064-TA0191(2)			
BHI ISO-6888-1, BAM	02-599-500	02-599-100				064-BAG079(5)		064-TA0191(15)			
Vibrio											
TCBS ISO-8914, BAM	01-567-500	01-567-100			064-PA0029			064-TA0143(8)			

(1) 20 tubes of 9ml with Durham tubes; (2) 20 tubes of 10ml double concentration; (3) 20 tubes 10ml with paraffine; (4) 10 flasks of 90ml (agar or broth); (5) 10 flasks of 100ml (agar or broth); (6) 10 flasks of 200ml (agar or broth); (7) 10 flasks of 200ml (agar or broth); (8) 20 tubes 10ml (agar or broth); (9) 20 tubes of 9ml (broth); (10) 20 tubes of 15ml (agar); (11) 2 bags of 5 litres; (12) 3 bags of 3 litres; (13) 5 bags of 2 litres; (14) kit: 4 flasks of 90ml + 4 vials of 10ml with RPF supplement; (15) 20 tubes of 19ml; (16) Add to TSYEB 9-18 g/l of Agar-Agar (art. no. 07-480) to obtain the formulation of the solid medium TSYEA; (17) With TTC; (18) With TLHth; (19) 20 tubes of slanted agar; (20) 20 tubes of 2ml; (21) 20 tubes of 10ml double concentration and with Durham tubes.

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Culture Media for Microbiology

Culture media for water analysis

Art. No.	Flask 500g	Flask 100g	20 plates of 90mm	20 irradiated plates of 90mm	12 plates of 55mm	10 flasks of 100ml (Agar) (9) 10 flasks of 200ml (Agar) (10)	20 tubes of 10ml (Broth) (11) 20 tubes of 15ml (Agar) (13) 20 tubes of 9ml (Broth) (12)	SCHARLAU
Total and fecal coliforms								
Chapman TTC Agar (Tergitol® 7 Agar) ISO-9308	01-053-500	01-053-100	064-PA0048		064-PF0003			
TBA (Tryptone Bile Agar) ISO-9308	01-526-500	01-526-100			064-PF0014			
EC Broth (<i>E. coli</i> Broth) ISO-9308-2	02-060-500	02-060-100						
Fecal Coliforms Agar (m-FC Agar)					064-PF0024			
Colinasant Chromogenic Agar	01-618-500	01-618-100	064-PA6015		064-PF6015			
EMB Agar	01-068-500	01-068-100	064-PA0013			064-BA6045 (10)		
Endo Agar	01-589-500	01-589-100			064-PF0009			
Lauri/ Sulphate Broth MUG							064-TA0260 (11) 064-TA0451 (2)	
Tryptose Laurylsulfate Broth	02-108-500	02-108-100						
TBX Agar	01-619-500	01-619-100	064-PA0945			064-BA0945 (9)		
Enterococci								
Bile Esculine Azide Agar ISO-7899	01-592-500	01-592-100	064-PA3134		064-PF0008			
Slanetz & Bartley Agar Base ISO-7899	01-579-500	01-579-100	064-PA3125		064-PF0004			
Kanner Fecal Agar (KF Agar)	01-294-500							
Total enumeration of aerobic microorganisms								
Eugon LT100 Broth	02-654-500	02-654-100						
m-HPC								
Marine Agar	01-291-500							
Nutrient Agar	01-144-500	01-144-100						
Nutrient Agar ISO-12780	01-140-500	01-140-100	064-PA0059		064-PF0001	064-BA1035 (9)	064-TA2144 (13)	
PCA (Plate Count Agar)	01-161-500	01-161-100	064-PA0024		064-PF0007	064-BA1005 (9)	064-TA0325 (13)	
RZA	01-540-500	01-540-100		064PA00721	064-PF0072			
R2 Broth								
TSA (Tryptone Soye Agar)	01-200-500	01-200-100	064-PA0031	064PA00311	064-PF0026	064-BA1008 (9)	064-TA0221 (13)	
Tryptone Yeast Extract Agar	01-590-500	01-590-100			064-PF0013	064-BA0013 (9)	064-TA0013 (13)	
WLDifferential Medium								
Clostridia								
m-CP Agar Base	01-513-500	01-513-100			064-PF0030 064PF0030C (8)			
DPCM ISO-6461-1	02-410-500							
SPS Agar	01-050-500	01-050-100	064-PA0073		064-PF0002	064-BA0027	064-TA0110 (11) 064-TA2161 (5) 064-TA2115 (6)	
TSC Agar ISO-6461-2	01-278-500	01-278-100			064-PF0018	064-BA6020 (9)	064-TA6020 (13)	
TSN Agar	01-195-500	01-195-100	064-PA6000				064-TA2156 (12)	
Pseudomonas								
Acetamide Medium ISO-12780	03-428-500	03-428-100						
CN Selective Agar Base for Pseudomonas ISO-12780	01-609-500	01-609-100			064-PF0005			
King B Agar ISO-12780	01-029-500	01-029-100						
Cefrimide Agar (Eur. Pharm.)	01-160-500	01-160-100	064-PA0050		064-PF1007	064-BA1032 (9)		
King A Agar	01-001-500	01-001-100						

(2) 20 tubes of 9ml with Durham tubes; (3) With rosolic acid; (4) Contains TTC in the formulation; (5) 20 tubes of 10ml double concentration; (6) 20 tubes of 10ml with paraffine; (7) m-Green Selective; (8) 12 plates of 55mm; (9) 10 flasks of 100ml (agar); (10) 10 flasks of 200ml (agar); (11) 20 tubes of 10ml (agar or broth); (12) 20 tubes of 9ml (agar or broth); (13) 20 tubes of 15ml (agar).

Culture Media for Microbiology

Culture media for water analysis

Art. No.	Flask 500g	Flask 100g	20 plates of 90mm	20 irradiated plates of 90mm	30 plates of 55mm 12 plates of 55mm (8)	10 flasks of 100ml (Agar) (9) 10 flasks of 200ml (Agar) (10)	20 tubes of 10ml (Broth) (11) 20 tubes of 9ml (Broth) (12) 20 tubes of 20ml (Broth) (14)	20 tubes of 10ml (Agar) (11) 20 tubes of 15ml (Agar) (13) 20 tubes of 9ml (Broth) (12)	SCHARLAU
Staphylococci									
Mannitol Salt Agar (Chapman Agar)	01-116-500	01-116-100	064-PA0011		064-PF0025				SCHARLAU
Moulds and yeasts									
m-Green Agar									
m-Green Broth	02-633-500	02-633-100			064-PF0089				
Sabouraud Chloramphenicol Agar	01-166-500	01-166-100	064-PA0026	064-PA0026i	064-PF0022	064-BA1007(9)		064-TA2160(11)	
Sabouraud Dextrose Agar	01-165-500	01-165-100	064-PA0025	064-PA0025i	064-PF0006	064-BA1006(9)			
WLB Broth									
Salmonella									
Rappaport Vassiliadis Salmonella Enrichment Broth	02-668-500	02-668-100					064-TA1188(11)		
Selenite Cystine Broth Base	02-602-500	02-602-100					064-TA2163(14)		
							064-TA0163(11)		
BGA	01-309-500	01-309-100							
XLD	01-211-500	01-211-100	064-PA0034						
Vibrio									
TCBS Modified Agar	01-567-500	01-567-100	064-PA0029						SCHARLAU
Lactobacilli and acid-tolerant microorganisms									
MPS Broth	02-135-500	02-135-100					064-TA0173(11)		SCHARLAU

(2) 20 tubes of 9ml with Durham tubes; (3) With rosolic acid; (4) Contains TTC in the formulation; (5) 20 tubes of 10ml double concentration; (6) 20 tubes of 10ml with paraffine; (7) m-Green Selective; (8) 12 plates of 55mm; (9) 10 flasks of 100ml (agar); (10) 10 flasks of 200ml (agar); (11) 20 tubes of 10ml (agar or broth); (12) 20 tubes of 9ml (agar or broth); (13) 20 tubes of 15ml (agar).



See more information on page 8

Art. No.	Flask 500g	Flask 100g	Irradiated plates 50mm 20 plates	Contact plates 30 plates	Filtration plates 30 plates	Flasks	Tubes	SCHARLAU
Diluents								
Buffered Peptone Water	02-494-500	02-494-100						064-BA6062(2) 064-BA3021(3) 064-TA2151(13) 064-BA6064(12)
Total Aerobic Microbial Count (TAMC) (2.6.12. Microbiological Examination of non-sterile products: Enumeration tests)*								
Tryptic Soy Agar (TSA)	01-200-500	01-200-100	064-PA00311	064-PR0004	064-PF0026			
Tryptone Soya Agar (TSA)			064-PA0138(5)	064-PR0038(1)				
TSA TLH Agar			064-PA0075(6)	064-PR0005(8)				
			064-PA0138(7)	064-PR0013(9)				
TSA Penicillinase			064-PA3136	064-PR0028				
			064-PA6006(6)	064-PR0027(8)				
			064-PA6087(7)	064-PR0061(1)				
				064-PR0040(9)				
Total Yeasts & Moulds Count (TYMC) (2.6.12. Microbiological Examination of non-sterile products: Enumeration tests; 2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
Sabouraud Dextrose Agar	01-165-500	01-165-100	064-PA00251	064-PR0002	064-PF0006			
Sabouraud Dextrose Agar			064-PA0147(5)	064-PR0062(1)				
C Medium				064-PR0042(9)				
				064-PR0022(8)				
Potato Dextrose Agar (PDA)	01-483-500	01-483-100						
Potato Dextrose Agar								
Bile-tolerant Gram-Negatives Bacteria (Enterobacteria) (2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
E.E. Broth	02-064-500	02-064-100				064-BA2144(3)	064-TA0189(13)	
Enterobacteria-Enrichment Broth-Mossel						064-BA6073(12)		
E Medium								
Violet Red Bile Dextrose Agar (VRBD Agar)	01-295-500	01-295-100		064-PR0006				
Violet Red Bile Glucose Agar								
Escherichia coli (2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
MacConkey Broth	02-611-500	02-611-100				064-BA2143(3)	064-TA2135(11)	
MacConkey Broth								
G Medium								
MacConkey Agar	01-118-500	01-118-100		064-PR0011				
MacConkey Agar								
H Medium								
Salmonella (2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
Rapaport Vassiliadis Broth	02-668-500	02-668-100					064-TA1198(10)	
Rapaport Vassiliadis Salmonella Enrichment Broth								
XL D Agar	01-211-500	01-211-100						
Xylose, Lysine, Deoxycholate Agar								
K Medium								
Pseudomonas aeruginosa (2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
Cefrimide Agar	01-160-500	01-160-100		064-PR0009	064-PF1007			
Cefrimide Agar								
N Medium								

(1) 24 contact plates triple packaging; (2) 10 flasks of 200 ml; (3) 10 flasks of 100 ml; (4) 20 tubes of 15 ml; (5) 20 plates with triple packaging; (6) 20 plates with TLHH; (7) 20 plates with TLHH; (8) 30 contact plates with TLHH; (9) 24 contact plates with TLHH triple packaging; (10) 20 tubes of 10 ml; (11) 20 tubes of 9 ml with Durham tubes; (12) 10 flasks of 90 ml; (13) 20 tubes of 9 ml.

*European Pharmacopoeia 6th ed., Supplement 6.3.

Culture Media for Microbiology

Harmonized Pharmacopoeias culture media

Art. No.	Flask 500g	Flask 100g	Irradiated plates 90mm 20 plates	Contact plates 30 plates	Filtration plates 30 plates	Flasks	Tubes	SCHARLAU
Staphylococcus aureus (2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
Mannitol Salt Agar	01-116-500	01-116-100		064-PR0015	064-PF0025			
Mannitol Salt Agar								
Clostridia (2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
Reinforced Clostridial Medium (RCM)	03-289-500	03-289-100				064-BA3051(3)	064-TA0201(10)	
Reinforced Medium for Clostridia								
P Medium								
Columbia Agar	01-680-500	01-680-100						
Columbia Agar								
Candida albicans (2.6.12. Microbiological Examination of non-sterile products: Enumeration tests; 2.6.13. Microbiological Examination of non-sterile products: Test for specified micro-organisms)*								
Sabouraud Dextrose Broth	02-165-500	02-165-100					064-TA2148(13)	
Sabouraud Dextrose Broth								
Sabouraud Dextrose Agar	01-165-500	01-165-100	064PA00251	064-PR0002	064-PF0006			
Sabouraud Dextrose Agar			064-PA0147(5)	064-PR0062(1)				
C Medium				064-PR0042(9)				
				064-PR0022(8)				
Sterility control (2.6.1. Sterility)*								
Tryptic Soy Broth (TSB)	02-200-500	02-200-100				064-BA1012(3)	064-TA0113(10)	
Soya-Bean Casein Digest Medium						064-BA1012-90(12)	064-TA2147(13)	
A Medium								
TSB Parasae						064-BA3058(3)		
TSB Irradiated	02-575-500							
Thioglycolate Fluid Medium	03-187-500	03-187-500				064-BA1026(3)	064-TA0134(13)	
Fluid Thioglycolate Medium								
Total Microbial Count in water (WATER MONOGRAPH S: 01/2009:1927 Water, highly purified, 01/2009:0008 Water, purified)*								
R2A	01-540-500	01-540-100	064PA00721		064-PF0072			
R2A agar			064-PA0172(5)					
S Medium								
Total Microbial Count in water								
Antibiotic Medium C	02-601-500							
Antibiotic Medium D	02-549-500							
Antibiotic Medium E	01-430-500							
Antibiotic Medium No.1	01-009-500	01-009-100						
Antibiotic Medium No.10	01-016-500							
Antibiotic Medium No.11	01-017-500	01-017-100						
Antibiotic Medium No.19	01-434-500							
Antibiotic Medium No.35	01-545-500							

(1) 24 contact plates triple packaging; (2) 10 flasks of 200 ml; (3) 10 flasks of 100 ml; (4) 20 tubes of 15 ml; (5) 20 plates with triple packaging; (6) 20 plates with TLHH; (7) 20 plates with TLHH triple packaging; (8) 30 contact plates with TLHH; (9) 24 contact plates with TLHH triple packaging; (10) 20 tubes of 10 ml; (11) 20 tubes of 9 ml with Durham tubes; (12) 20 flasks of 90 ml; (13) 20 tubes of 9 ml.

All names in red colour are according to Eur. Pharm. 5th ed.

*European Pharmacopoeia 6th ed., Supplement 6.3.

Culture Media for Microbiology

Other related products

Easy Kits for sampling surfaces

SCHARLAU

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 (continued)

SCHARLAU

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

Other related products

CRYOINSTANT®

SCHARLAU

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

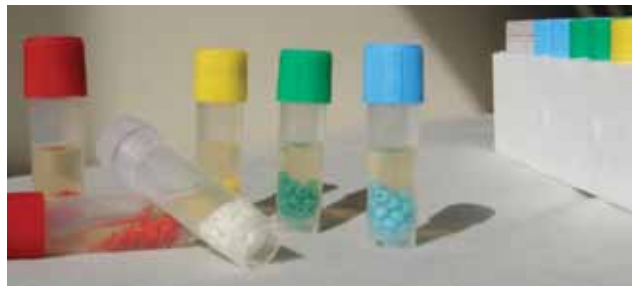
Storage of a microorganism:

- 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

Culture Media for Microbiology

Cross references DIFCO BBL - SCHARLAU

Art. no. Difco/BBL	Description Difco/BBL	Art. no. Scharlau	Description Scharlau
274210	Acetate Differential Agar	01-665	Acetate Diferential Agar
210912	AK Agar # 2 (BBL)	01-069	Sporulating Agar (USP Antibiotic Medium 32) (Ak Agar)
226340	Antibiotic Medium 1	01-009	Antibiotic Medium 1 (Eur. Pharm. Antibiotic Medium A At Ph: 6,6)
246310	Antibiotic Medium 10	01-016	Antibiotic Medium 10 (Eur. Pharm. Antibiotic Medium B)
259310	Antibiotic Medium 11	01-017	Antibiotic Medium 11 (Eur. Pharm. Antibiotic Medium A At Ph: 8,0)
243100	Antibiotic Medium 19	01-434	Antibiotic Medium 19 (Eur. Pharm. Antibiotic Medium F)
232681	Antimicrobic Vial P	06-021CASE	Polymixin B Sulfate Selective Supplement
265430	APT Agar	01-026	APT Agar
214010	Bacto Agar		
212304	Agar Grade A (BBL)	07-004	Agar Bacteriological
211520	Bacto Beef Extract		
212303	Beef Extract PoWder	07-515	Beef Extract
225930	Bacto Casitone	07-154	Casein Pancreatic Peptone
243620	Bacto Soytone		
211906	Phytone Peptone (BBL)	07-155	Soy Peptone
211705	Bacto Tryptone		
211921	Trypticase Peptone (BBL)	07-489	Peptone From Casein (Tryptone)
211705	Bacto Tryptone		
211921	Trypticase Peptone (BBL)	07-119	Casein Trypsic Peptone (Tryptone)
211713	Bacto Tryptose	07-197	Tryptose
212750	Bacto Yeast Extract		
211929	Yeast Extract (BBL)	07-079	Yeast Extract
276840	Baird Parker Agar Base	01-030	Baird Parker Agar Base
211027	Biggy Agar (BBL)	01-137	Nickerson Agar (Biggy)
299068	Bile Esculin Agar (BBL)	01-265	Bile Esculin Agar
211037	Blood Agar Base (Infusion Agar) (BBL)	01-352	Blood Agar Base
269620	Blood Agar Base N.2	01-505	Blood Agar Base N.2
241830	Brain Heart Infusion Agar		
211065	Brain Heart Infusion Agar (BBL)	01-599	Brain Heart Infusion Agar (B.H.I.A.)
256120	Brain Heart Infusion Porcine	02-599	Brain Heart Infusion Broth
228530	Brilliant Green Agar	01-203	Brilliant Green Agar (Bga)
218801	Brilliant Green Agar Modified	01-309	Brilliant Green Modified Agar
274000	Brilliant Green Bile Broth 2%	02-041	Brilliant Green Bile 2% Broth
218105	Buffered Peptone Water		
212367	Buffered Peptone Water (BBL)	02-568	Peptone Water Phosphate Buffered
211102	Cary & Blair Transport Medium (BBL)	03-643	Cary Blair Medium
285420	Cetrimide Agar Base	01-160	Cetrimide Agar (Eur. Pharm. Agar Medium N)
212218	CLED Agar (BBL)	01-047	CLED Agar
279240	Columbia Blood Agar Base		
211124	Columbia Agar Base (BBL)	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 Granuated	07-490	Agar Agar
263220	DNase Test Agar		
211179	DNase Test Agar(BBL)	01-346	DNase Agar
258710	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol (DRBC) Agar
231430	EC Medium	02-060	EC Broth
256620	EE Broth Mossel	02-064	EE Broth (Eur. Pharm. Enrichment Broth Medium E)
233472	Egg- Yolk Enrichment 50%	06-016	Egg-Yolk Sterile Emulsion
211199	Endo Agar (BBL)	01-589	Endo Agar Base
212205	Enterococcosel (BBL)	01-592	Bile Esculin Azide Agar
211221	Eosine Methylene Blue Agar, Levine (BBL)	01-068	Eosin Methylene Blue Agar (Emb Agar)
259010	Eugon Broth	02-654	Eugon Lt 100 Broth
212107	EVA Broth	02-028	Ethyl Violet Azide Broth (EVA Broth)
264210	Fluid Sabouraud Medium	02-165	Sabouraud Broth
211767	Fraser Broth Base	02-496	Listeria Enrichment Broth Base acc. to Fraser
218091	Giolitti Cantoni Broth Base	02-230	Giolitti-Cantoni Broth
248610	GN Broth, Hajna	02-093	GN Broth
285340	Hektoen Eneteric Agar		
212211	Hektoen Eneteric Agar (BBL)	01-216	Hektoen Enteric Agar
261185	Indole Reagent	06-018	Kovac's Reagent
249610	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)
211317	Kligler Iron Agar (BBL)	01-103	Kligler Iron Agar (KIA)
288210	Lactobacilli MRS Agar	01-135	MRS Agar
288130	Lactobacilli MRS Broth	02-135	MRS Broth
211835	Lactose Broth		
211333	Lactose Broth (BBL)	02-105	Lactose Broth (Eur. Pharm. Broth Medium D)

Culture Media for Microbiology

Cross references DIFCO BBL - SCHARLAU

Art. no. Difco/BBL	Description Difco/BBL	Art. no. Scharlau	Description Scharlau
224150	Lauryl Tryptose Broth	02-108	Tryptose Laurylsulfate Broth
211338	Lauryl Sulfate Broth (BBL)		
244520	LB Agar, Miller	01-385	LB Agar acc. to 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
241420	Luria Broth Base, Miller	02-384	LB Broth
241420	Luria Broth Base, Miller	02-385	LB Broth acc. to Miller
241420	Luria Broth Base, Miller	02-406	LB Broth acc. to Lennox
284920	Lysine Iron Agar		
211373	Lysine Iron Agar (BBL)	01-094	Lysine Iron Agar (LIA)
211287	m-Green Yeast & Mould Broth (BBL)	02-633	m-Green Broth
212123	MacConkey Agar		
211387	MacConkey Agar (BBL)	01-118	MacConkey Agar
221000	MacConkey Broth	02-611	MacConkey G Broth (Eur. Pharm. Medium G)
279100	MacConkey Sorbitol Agar		
299769	MacConkey li Agar W. Sorbitol (BBL)	01-541	MacConkey Sorbitol Agar
230650	Mannitol Salt Agar		
211407	Mannitol Salt Agar (BBL)	01-116	Mannitol Salt Agar (Chapman Agar)
212185	Marine Agar 2216	01-291	Marine Agar
218971	Maximum Recovery Diluent	02-510	Maximum Recovery Diluent
255320	Microbial Content Test Agar		
211764	Trypticase Soy Agar W. Polysorbate 80 And Lecithin (BBL)	01-613	Microbial Content Test Agar (TSA Lecithin & Polysorbate)
218501	Mineral Modified Glutamate Broth	02-656	Mineral Modified Glutamate Base Medium
273520	MIO Medium	03-422	Motility Indole Ornithine Fluid Medium (MIO)
216300	MRVP Medium	02-207	Methyl Red Voges Proskauer Broth (Clarks & Lubs Medium)
225250	Mueller Hinton Agar		
211438	Mueller Hinton li Agar (BBL)	01-136	Mueller Hinton Agar
275730	Mueller Hinton Broth (Not Cation-Adjusted)	02-136	Mueller Hinton Broth
218531	Müller-Kauffmann Tetrathionate Broth Base	02-335	Müller-Kauffmann Medium Base
281010	MYP Agar	01-262	Bacillus Cereus Agar
225710	Nih Thioglycollate Broth		
211651	Sterility Test Broth (BBL)	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
212000	Nutrient Agar (Apha)	01-144	Nutrient Agar (Apha)
234000	Nutrient Broth	02-144	Nutrient Broth acc. to 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 (O/F Medium)
222530	Oxford Medium Base	01-471	Oxford Agar Base
263620	Palcam Medium Base	01-470	Palcam Agar Base
211506	Phenol-Red Broth Base (BBL)	02-032	Phenol Red Broth Base
274520	Phenylalanine Agar		
211537	Phenylalanine Agar (BBL)	01-083	Phenylalanine Agar (Ppa)
247930	Plate Count Agar (Tryptone Glucose Yeast Agar)		
212455	Standard Methods Agar (Tryptone Glucose Yeast Agar) (BBL)	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 N.3
244820	Pseudomonas Agar F	01-029	King B Agar (F Agar)
244910	Pseudomonas Agar P		
296004	Tech Agar (BBL)	01-001	King A Agar
218263	R2A Agar	01-540	R2A Agar (Eur. Pharm. Medium S)
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 (RCM)	03-289	Reinforced Clostridial Medium (RCM) (Eur. Pharm. Medium P)
218312	Rose Bengal Agar Base	01-301	Rose Bengal Agar
210950	Sabourad Dextrose Agar		
211584	Sabourad Dextrose Agar (BBL)	01-165	Sabourad Dextrose 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)
211578	SIM Medium	03-176	SIM Medium
211620	SIMmons Citrate Agar (BBL)	01-177	Simmons Citrate Medium
232100	Skim Milk	06-019	Skimmed Milk
284530	SPS Agar	01-050	SPS Agar

Culture Media for Microbiology

Cross references DIFCO BBL - SCHARLAU

Art. no. Difco/BBL	Description Difco/BBL	Art. no. Scharlau	Description Scharlau
265020	TCBS Agar	01-567	TCBS Modified Agar
211917	TelluriTe Solution 1% (BBL)	06-089	Potassium Tellurite Solution 1%
245510	Tergitol R 7 Agar		
211702	Tergitol R 7 Agar (BBL)	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
226540	Triple Sugar Iron Agar		
211749	TSI Agar (BBL)	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
236950	Tryptic Soy Agar (Soy Bean Casein Agar)		
211043	Trypticase Soy Agar (Soy Bean Casein Digest Agar) (BBL)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm. Agar Medium B)
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		
211768	Trypticase Soy Broth (BBL)	02-200	Tryptic Soy Broth (TSB) Eur. Pharm. Broth Medium A
286220	Tryptic Soy Broth W/O Dextrose	02-227	Tryptic Soy Broth without Dextrose
211690	TSN Agar (BBL)	01-195	Tryptone Sulfite Neomycin Agar (TSN Agar)
231121	TTC Solution 1%	06-023	TTC Sterile Solution 1%
211795	Urea Agar Base (BBL)	01-261	Urea Agar Base acc. to Christensen
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)
261192	VP Reagent A	06-027	Barrit's Reagent
261193	VP Reagent B	06-006	O'Meara's Reagent
242420	WL Nutrient Medium	01-210	WL Nutrient Agar
278850	XLD Agar		
211838	XLD Agar (BBL)	01-211	Xylose Lysine Deoxycholate Agar (XLD Agar) (Eur. Pharm. Agar Medium K)
219001	Yeast Extract Glucose Chloramphenicol Agar	01-366	Chloramphenicol Glucose Agar (CGA)
271210	YM Agar	01-219	Yeast Malt Agar (YM Agar)

Culture Media for Microbiology

Cross references MERCK - SCHARLAU

Art. no. Merck	Description Merck	Art. no. Scharlau	Description Scharlau
1.01614	Agar Agar Granulated	07-490	Agar Agar
1.01613	Agar Agar Ultrapure Granulated	07-004	Agar Bacteriological
1.01800	Alkaline Peptone Water	02-468	Alkaline Peptone Water
1.05272	Antibiotic Agar N°. 1	01-009	Antibiotic Medium 1 (Eur. Pharm. Antibiotic Medium A At Ph: 6.6)
1.52690	Antibiotic Agar N°. 11	01-017	Antibiotic Medium 11 (Eur. Pharm. Antibiotic Medium A At Ph: 8.0)
1.10453	APT Agar	01-026	APT Agar
1.09875	Bacillus Cereus Selective Supplement (Polimixine B 50000u)	06-021CASE	Polymixin B Sulfate Selective Supplement
1.05406	Baird Parker Agar	01-030	Baird Parker Agar Base
1.07994	BAT Medium	01-675	BAT
1.00072	Bile Aesculin Azide Agar	01-592	Bile Esculin Azide Agar
1.04054	Bile Salt Mixture For Microbiology	07-525	Bile Salts # 3
1.10886	Blood Agar Base	01-352	Blood Agar Base
1.10328	Blood Agar Base N°.2	01-505	Blood Agar Base N°.2
1.07232	BPLS Agar (USP) (Brilliant Green Phenol Red Lactose Sucrose Agar)	01-203	Brilliant Green Agar (Bga)
1.10747	BPLS Agar, Mod	01-309	Brilliant Green Modified Agar
1.13825	Brain Heart Agar	01-599	Brain Heart Infusion Agar (B.H.I.A.)
1.10493	Brain Heart Broth	02-599	Brain Heart Infusion Broth
1.05454	Brilliant - Green - 2% - Bile Broth	02-041	Brilliant Green Bile 2% Broth
1.10638	Brolacin Agar (Cled Agar)	01-047	Cled Agar
1.07228	Buffered Peptone Water	02-277	Tryptone Phosphate Water (Buffered Peptone Water)
1.10456	Candida Selective Agar acc. to Nickerson	01-137	Nickerson Agar (Biggy)
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)
1.05982	D- Mannitol	06-050	Mannitol, Powder
1.08342	D+ Glucose	06-048	Dextrose, Powder
1.02894	Deoxycholate Lactose Agar	01-057	Deoxycholate Lactose 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 (DRBC) Agar
1.10449	DNase Test Agar	01-346	DNase Agar
1.10765	EC Broth	02-060	EC Broth
1.03784	Egg- Yolk Emulsion Sterile	06-016	Egg-Yolk Sterile Emulsion
1.03785	Egg-Yolk Tellurite Emulsion 20% Steril	06-026 064-BA1018	Egg's Yolk Tellurite Sterile Emulsion Egg's Yolk Tellurite Sterile Emulsion
1.04044	Endo Agar	01-589	Endo Agar Base
1.05394	Enterobacteriaceae Enrichment Broth acc. Mossel	02-064	EE Broth (Eur. Pharm. Enrichment Broth Medium E)
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 acc. to Fraser
1.10675	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth
1.10756	GN Enrichment Broth acc. to Hajna	02-093	GN Broth
1.11885	Gram Staining Set	06-029	Crystal Violet Dye Solution
1.11885	Gram Staining Set	06-030	Lugol Solution
1.11885	Gram Staining Set	06-031	Decolouriser For Gram Staining
1.11885	Gram Staining Set	06-032	Safranin Dye Solution (For Gram Staining)
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 Indole Reagent	06-018	Kovac's Reagent
1.12523	Lactalbumin Hydrolysate	07-455	Lactalbumin Hydrolysate
1.13741	Lactophenol Blue Solution	06-037	Lactophenol Blue
1.07680	Lactosa TTC Agar with Tergitol R 7	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
1.07657	Lactose	06-051	Lactose, Powder
1.07661	Lactose Broth	02-105	Lactose Broth (Eur. Pharm. Broth Medium D)
1.10266	Lauryl Sulfate Broth	02-108	TryptOse Laurylsulfate Broth
1.10285	LB -Broth (Miller)	02-385	LB Broth acc. to Miller
1.10283	LB-Agar (Miller)	01-385	LB Agar acc. to Miller
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 acc. to Lovett
1.11781	Listeria Selective Enrichment Supplement acc. to FDA / BAM	06-107CASE	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	02-611	MacConkey G Broth (Eur. Pharm. Medium G)
1.05391	Malt Extract	07-080	Malt Extract
1.05398	Malt Extract Agar	01-573	Malt Extract Agar N°.2
1.05910	Maltose	06-052	Maltose, Powder
1.05404	Mannitol Salt Phenol Red Agar	01-116	Mannitol Salt Agar (Chapman Agar)
1.12535	Maximum Recovery Diluent	02-510	Maximum Recovery Diluent

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Cross references **MERCK - SCHARLAU**

Art. no. Merck	Description Merck	Art. no. Scharlau	Description Scharlau
1.03979	Meat Extract	07-075	Meat Extract
1.05289	Mf- Enterococcus Selective Agar Base acc. to Slanetz Bartley	01-579	Slanetz & Bartley Agar Base
1.05712	MRVP Broth	02-207	Methyl Red Voges Proskauer Broth (Clarks & Lubs Medium)
1.10661	MRS Broth	02-135	MRS Broth
1.10660	MRS Agar	01-135	MRS Agar
1.09878	MSRV Medium, Base Modified	03-376	Rappaport Vassiliadis Modified Semi-Solid Medium Base
1.05437	Mueller- Hinton Agar	01-136	Mueller Hinton Agar
1.10293	Mueller Hinton Broth	02-136	Mueller Hinton Broth
1.05878	Müller-Kauffmann Tetrathionate - Novobiocin Broth (MKTTN)	02-335	Müller-Kauffmann Medium Base
1.05267	MYP Agar	01-262	Bacillus Cereus Agar
1.05443	Nutrient Broth	02-144	Nutrient Broth acc. to APHA
1.05450	Nutrient Agar (Apha)	01-144	Nutrient Agar (APHA)
1.10282	O/F Basal Medium acc. to Hugh & Leifson	03-037	Oxidation-Fermentation Fluid Medium (O/F Medium)
1.09877	OGYE Selective Supplement	06-115CASE	Oxytetracycline Selective Supplement
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	06-109CASE	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	06-110CASE	Palcam Agar Selective Supplement
1.07213	Peptone From Casein, Pancreatic	07-154	Casein Pancreatic PeptoNe
1.02239	Peptone From Caseine (Tryptone)	07-119	Casein Trypsin Peptone (Tryptone)
1.02239	Peptone From Caseine (Tryptone)	07-489	Peptone From Casein (Tryptone)
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
1.10989	Pseudomonas Agar F Base	01-029	King B Agar (F Agar)
1.10988	Pseudomonas Agar P Base	01-001	King A Agar
1.07620	Pseudomonas Selective Agar Base	01-609	CN Selective Agar Base For Pseudomonas
1.05284	Pseudomonas Selective Agar Base (Cetrimide Agar)	01-160	Cetrimide Agar (Eur. Pharm. Agar Medium N)
1.00416	R2A Agar	01-540	R2A Agar (Eur. Pharm. Medium S)
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 (RCM) (Eur. Pharm. Medium P)
1.00467	Rose Bengal Chloramphenicol (RBC) Agar	01-301	Rose Bengal Agar
1.08339	Sabouraud 2% Dextrose Broth	02-165	Sabouraud Broth
1.05431	Sabouraud 4% Dextrose Agar	01-165	Sabouraud Dextrose 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
1.10582	Sodium Chloride Peptone Broth Buffered	02-494	Buffered Peptone Water (Buffered Sodium Chloride Peptone Solution Ph 7.0)
1.06504	Sodium Deoxycholate For Microbiology	07-644	Sodium Deoxycholate
1.0634	Sodium Hydrogen Selenite	06-615	Sodium Hydrogen Selenite
1.09207	Sorbitol Macconkey (Smac) Agar	01-541	Macconkey Sorbitol Agar
1.10235	SPS Agar	01-050	SPS Agar
1.01621	Standard Count Agar	01-635	ISO Nutrient Agar
1.07651	Sucrose	06-049	Sucrose, Powder
1.05178	TBG-Broth Modified	02-629	Tetrathionate Brilliant Green Bile Broth
1.10128	TGE Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
1.08190	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 (TSA Lecithin & Polysorbate)
1.05458	Tryptic Soy Agar (TSA) (Caso Agar)	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm. Agar Medium B)
1.05459	Tryptic Soy Broth (Caso Broth)	02-200	Tryptic Soy Broth (TSB) Eur. Pharm. Broth Medium A
1.00800	Tryptic Soy Broth (Caso Broth), Irradiated	02-575	Irradiated 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)
1.08483	Urea Broth	02-202	Urea Broth Base
1.08492	Urea Agar Base Acc Christensen	01-261	Urea Agar Base acc. to Christensen
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)

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Cross references **MERCK - SCHARLAU**

Art. no. Merck	Description Merck	Art. no. Scharlau	Description Scharlau
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
1.03753	Yeast Extract, Granulated	07-079	Yeast Extract
1.16000	YGC Agar (Yeast Extract Glucose Chloramphenicol Agar FIL-IDF)	01-366	Chloramphenicol Glucose Agar (CGA)

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Cross references OXOID - SCHARLAU

Art. no. Oxoid	Description Oxoid	Art. no. Scharlau	Description Scharlau
LP0011	Agar Bacteriological (Agar N°1)	07-004	Agar Bacteriological
CM1028	Alkaline Peptone Water	02-468	Alkaline Peptone Water
CM0327	Antibiotic Medium N°1	01-009	Antibiotic Medium 1 (Eur. Pharm. Antibiotic Medium A At Ph: 6.6)
CM0868	Azide Dextrose Broth (Rothe)	02-027	Azide Dextrose Broth acc. to Rothe (Rothe Azide Broth)
CM0617	Bacillus cereus Selective Agar Base	01-487	Bacillus cereus Selective Agar
SR0099	Bacillus cereus Selective Supplement	06-021CASE	Polymixin B Sulfate Selective Supplement
R21522	Bactidrop Indol, Kovacs	06-018	Kovac's Reagent
R21536	Bactidrop Nitrate A	06-003	Nitrates A Solution
R21536	Bactidrop Nitrate B	06-004	Nitrates B Solution
CM0275	Baird Parker Agar Base	01-030	Baird Parker Agar Base
CM0589	Biggy Agar	01-137	Nickerson Agar (Biggy)
CM0888	Bile Esculine Agar	01-265	Bile Esculin Agar
LP0056	Bile Salt N°3	07-525	Bile Salts #3
CM0055	Blood Agar Base	01-352	Blood Agar Base
CM0271	Blood Agar Base N°2	01-505	Blood Agar Base N°2
CM0375	Brain Heart Infusion Agar	01-599	Brain Heart Infusion Agar (B.H.I.A.)
CM0225	Brain Heart Infusion Broth	02-599	Brain Heart Infusion Broth
CM0263	Brilliant Green Agar	01-203	Brilliant Green Agar (Bga)
CM0329	Brilliant Green Agar (Modified)	01-309	Brilliant Green Modified Agar
CM0031	Brilliant Green Bile (2%) Broth	02-041	Brilliant Green Bile 2% Broth
SR0083	Brucella Selective Supplement	06-025CASE	Brucella ssp Selective Supplement
CM0509	Buffered Peptone Water	02-568	Peptone Water Phosphate Buffered
CM1049	Buffered Peptone Water (ISO)	02-277	Tryptone Phosphate Water (Buffered Peptone Water)
CM0982	Buffered Sodium Chloride Peptone	02-494	Buffered Peptone Water (Buffered Sodium Chloride Peptone Solution Ph 7.0)
CM0519	Cary-Blair Medium	03-643	Cary Blair Medium
CM0579	Cetrimide Agar	01-160	Cetrimide Agar (Eur. Pharm. Agar Medium N)
SR0078	Chloramphenicol Selective Supplement	06-118CASE	Chloramphenicol Selective Supplement
CM0333	Cholera Medium TCBS	01-567	TCBS Modified Agar
CM0301	CLED Medium	01-047	CLED Agar
CM0331	Columbia Blood Agar Base	01-034	Blood Agar Base (Columbia)
SR0222	Cycloheximide	06-022CASE	Cycloheximide Selective Supplement
CM0729	Dichloran Glycerol (DG18) Agar Base	01-485	Dichloran Glycerin Selective Agar (Dg18 Agar)
CM0321	DNase Agar	01-346	DNase Agar
CM0727	DRBC Agar Base	01-657	Dichloran Rose Bengal Chloramphenicol (DRBC) Agar
CM0853	EC Broth	02-060	EC Broth
CM0317	EE Broth	02-064	EE Broth (Eur. Pharm. Enrichment Broth Medium E)
SR0047	Egg- Yolk Emulsion	06-016	Egg-Yolk Sterile Emulsion
SR0054	Egg Yolk Tellurite Emulsion	06-026	Egg's Yolk Tellurite Sterile Emulsion
		064-BA1018	Egg's Yolk Tellurite Sterile Emulsion
CM0479	Endo Agar Base	01-589	Endo Agar Base
CM0069	Eosine Methylene Blue Agar, Modified Levine	01-068	Eosin Methylene Blue Agar (Emb Agar)
CM0523	Giolitti Cantoni Broth	02-230	Giolitti-Cantoni Broth
R40080	Gram Stain Kit	06-029	Crystal Violet Dye Solution
R40080	Gram Stain Kit	06-030	Lugol Solution
R40080	Gram Stain Kit	06-031	Decolouriser For Gram Staining
R40080	Gram Stain Kit	06-032	Safranin Dye Solution (For Gram Staining)
CM0419	Hektoen Enteric Agar	01-216	Hektoen Enteric Agar
CM0591	Kanamycin Esculin Azide Agar Base	01-263	Kanamycin Esculin Azide Agar (Kaa Agar)
CM0701	KF Streptococcus Agar	01-294	Kenner Fecal Agar (KF Agar)
CM0033	Kligler Iron Agar	01-103	Kligler Iron Agar (KIA)
CM0015	Lab-Lemco Broth	02-144	Nutrient Broth acc. to Apha
CM0017	Lab-Lemco Agar	01-144	Nutrient Agar (Apha)
LP0029	Lab-Lemco Powder	07-075	Meat Extract
LP0029	Lab-Lemco Powder	07-515	Beef Extract
LP0048	Lactalbumin Hydrolysate	07-455	Lactalbumin Hydrolysate
R21526	Lactophenol Aniline Blue	06-037	Lactophenol Blue
CM0137	Lactose Broth	02-105	Lactose Broth (Eur. Pharm. Broth Medium D)
CM0451	Lauryl Tryptose Broth	02-108	Tryptose Laurylsulfate Broth
CM0862	Listeria Enrichment Broth Base (FDA)	02-498	Listeria Enrichment Broth Base acc. to Lovett
CM0863	Listeria Enrichment Broth Base (UVM Formulatoin)	02-472	Listeria Enrichment Broth Base (UVM)
CM0895	Listeria Enrichment Broth Base acc. to Fraser	02-496	Listeria Enrichment Broth Base acc. to Fraser
CM0856	Listeria Selective Agar (Oxford)	01-471	Oxford Agar Base
SR0141	Listeria Selective Supplement For Enrichment FDA/IDF	06-107CASE	Listeria Selective Supplement For Enrichment acc. to FDA/IDF
SR0142	Listeria Selective Supplement For Primary Enrichment	06-106CASE	Listeria Selective Supplement For Primary Enrichment (UVM I)
SR0143	Listeria Selective Supplement For Secondary Enrichment	06-111CASE	Listeria Selective Supplement For Secondary Enrichment
CM0381	Lysine Iron Agar	01-094	Lysine Iron Agar (LIA)
CM0308	Lysine Decarboxylase Broth (Taylor Modification)	02-336	Decarboxylase Lysine Broth acc. to Taylor
SR0188	m-CP Selective Supplement	06-125CASE	m-CP Selective Supplement

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Cross references OXOID - SCHARLAU

Art. no. Oxoid	Description Oxoid	Art. no. Scharlau	Description Scharlau
CM0115	MacConkey Agar N°. 3	01-118	MacConkey Agar
CM0005	MacConkey Broth	02-118	MacConkey Broth
CM0505	MacConkey Broth	02-611	MacConkey G Broth (Eur. Pharm. Medium G)
LP0029	Malt Extract	07-080	Malt Extract
CM0059	Malt Extract Agar	01-574	Malt Extract Agar N.3
CM0057	Malt Extract Broth	02-491	Malt Extract Broth
CM0085	Mannitol Salt Agar	01-116	Mannitol Salt Agar (Chapman Agar)
CM0399	Mannitol Selenite Broth Base	02-652	Mannitol Selenite Broth
CM0733	Maximum Recovery Diluent	02-510	Maximum Recovery Diluent
CM0681	Milk Plate Count Agar	01-412	Plate Count Skim Milk Agar
CM0656	Minerals Modified Medium Base	02-656	Mineral Modified Glutamate Base Medium
CM0910	Modified Semi-Solid Rappaport-Vassiliadis (MSRV) Medium Base	03-376	Rappaport Vassiliadis Modified Semi-Solid Medium Base
CM0361	MRS Agar	01-135	MRS Agar
CM0359	MRS Broth	02-135	MRS Broth
CM0043	MRVP Medium	02-207	Methyl Red Voges Proskauer Broth (Clarks & Lubs Medium)
CM0337	Mueller Hinton Agar	01-136	Mueller Hinton Agar
CM0405	Mueller Hinton Broth	02-136	Mueller Hinton Broth
Br0071	Mug Supplement	06-102CASE	MUG Supplement
CM1048	Müller-Kauffmann Tetrathionate - Novobiocin Broth (Mktn)	02-335	Müller-Kauffmann Medium Base
CM0929	MYP Agar	01-262	Bacillus Cereus Agar
CM0003	Nutrient Agar	01-140	Nutrient Agar (Brit. Pharm.)
CM0001	Nutrient Broth	02-140	Nutrient Broth
SR0073	OGYE Selective Supplement	06-115CASE	Oxytetracycline Selective Supplement
LP0050	Ox Bile	07-039	Bile
SR0140	Oxford Agar Selective Supplement	06-109CASE	Oxford Agar Selective Supplement
CM0545	Oxytetracyclin Glucose Yeast Extract Agar (O.G.Y.E Agar)	01-275	Sabouraud Oxytetracycline Agar Base (OGYEA)
CM0877	Palcam Agar Base	01-470	Palcam Agar Base
SR0150	Palcam Selective Agar	06-110CASE	Palcam Agar Selective Supplement
CM0009	Peptone Water	03-156	Tryptone Water (Peptone Water)
CM0587	Perfringens Agar Base (TSC & SFP)	01-278	Tryptose Sulfite Cycloserine Agar (TSC Agar)
CM0325	Plate Count Agar (Tryptone Glucose Yeast Agar)	01-329	Plate Count Modified Agar
SR0030	Potassium Tellurite 3,5%	06-011	Potassium Tellurite Solution 3,5%
CM0139	Potato Dextrose Agar	01-483	Potato Dextrose Agar
CM0559	Pseudomonas Agar Base	01-609	CN Selective Agar Base For Pseudomonas
CM0906	R2A Agar	01-540	R2A Agar (Eur. Pharm. Medium S)
CM0151	Reinforced Clostridial Agar	01-289	Reinforced Clostridial Agar
CM0149	Reinforced Clostridial Medium	03-289	Reinforced Clostridial Medium (RCM) (Eur. Pharm. Medium P)
CM0549	Rose Bengal Chloramphenicol Agar	01-301	Rose Bengal Agar
CM0041	Sabouraud Dextrose Agar	01-165	Sabouraud Dextrose Agar
CM0147	Sabouraud Liquid Medium	02-165	Sabouraud Broth
CM0533	Salmonella Shigella Modified Agar	01-555	Salmonella Shigella Modified Agar
CM0395	Selenite Broth Base	02-598	Selenite Broth (Base)
CM0699	Selenite Cystine Broth Base	02-602	Selenite Cystine Broth Base
CM0435	SIM Medium	03-176	SIM Medium
CM0155	Simmons Citrate Agar	01-177	Simmons Citrate Medium
LP0031	Skim Milk Powder	06-019	Skimmed Milk
LP00121	Sodium Bi-Selenite	06-615	Sodium Hydrogen Selenite
CM0813	Sorbitol Macconkey Agar	01-541	Macconkey Sorbitol Agar
LP0044	Soy Peptone Neutralized	07-155	Soy Peptone
CM0463	Standard Plate Count Agar (Apha)	01-161	Plate Count Agar (PCA)
CM0111	Stuart Transport Medium	03-454	Stuart & Ringertz Transport Medium
CM0793	Tergitol R 7 Agar	01-053	Chapman TTC Agar (Tergitol® 7 Agar)
CM0173	Thioglycollate Medium Usp	03-658	Thioglycollate Fluid Medium
CM0391	Thioglycollate Broth Usp-Alternative	02-186	Thioglycollate Broth
CM0277	Triple Sugar Iron Agar	01-192	Triple Sugar Iron Agar (TSI Agar) (Eur. Pharm. Agar Medium M)
CM0595	Tryptone Bile Agar	01-526	Tryptone Bile Agar
CM0945	Tryptone Bile X-Glucuronide Agar	01-619	Tryptone Bile Glucuronic Agar (TBX Agar)
CM0127	Tryptone Glucose Extract Agar	01-082	Tryptone Glucose Extract Agar (TGE Agar)
CM0131	Tryptone Soy Agar	01-200	Tryptic Soy Agar (TSA) (Eur. Pharm. Agar Medium B)
CM0129	Tryptone Soy Broth	02-200	Tryptic Soy Broth (TSB) Eur. Pharm. Broth Medium A
LP0043	Tryptone T	07-119	Casein Trypsic Peptone (Tryptone)
LP0043	Tryptone T	07-489	Peptone From Casein (Tryptone)
LP0047	Tryptose	07-197	Tryptose
SR0229	TTC Solution (1%)	06-023	TTC Sterile Solution 1%
CM0053	Urea Agar Base	01-261	Urea Agar Base acc. to Christensen
CM0071	Urea Broth Base	02-202	Urea Broth Base
SR0020	Urea Steril Solution 40%	06-083	Urea Sterile Solution 40%
CM0485	Violet Red Bile Glucose Agar	01-295	Violet Red Bile Dextrose Agar (VRBD Agar)

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Cross references **OXOID - SCHARLAU**

Art. no. Oxoid	Description Oxoid	Art. no. Scharlau	Description Scharlau
CM0107	Violet Red Bile Lactose Agar	01-164	Violet Red Bile Agar (VRB Agar)
CM0641	Vogel Johnson Agar	01-206	Vogel Johnson Agar (VJ Agar)
CM1012	Water Plate Count Agar (ISO)	01-590	Tryptone Yeast Extract Agar
CM0309	WL Nutrient Agar (Medium)	01-210	WL Nutrient Agar
CM0247	Wort Agar	01-132	Wort Agar
CM0469	XLD Medium	01-552	Xylose Lysine Deoxycholate Modified Agar
LP0021	Yeast Extract Powder	07-079	Yeast Extract
CM0920	Yeast Mold Agar (YM Agar)	01-219	Yeast Malt Agar (YM Agar)

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