

PRODUCT CATALOGUE





Graso is a privately held company, located in the unpolluted setting of countryside, 50 km away from the city of Gdansk (Northern Poland). The company was established by Zenon and Grazyna Sobiecki in March 1989. With time, it turned from a small family business into a medium-sized enterprise, active on disparate markets mainly related to packaging industry.

Graso Biotech is the company's younger division focusing on microbiology. By its vigorous development, Graso Biotech is currently the largest manufacturer of ready-to-use culture media in Central Europe.

The manufacturing and quality control testing is carried out by our employees in compliance with the latest ISO 9001 and ISO 13485 protocols. An area of 2500 sqm is utilized for controlled environment (cleanroom) and core facilities equipped with top quality instruments. The production process is completed in accordance with up-to date knowledge achievements. Fully automated lines assure complete traceability of both final products and raw materials.

At the moment, our offer includes over 400 types of media that are poured on plates, to bottles or tubes. Other types are also being prepared, according to formulas provided by the customer. Aside from manufacturing products designed for end-users, both in Poland and abroad, Graso Biotech also conditions prefabricated dehydrated media for manufacturers of who lack the finale-stage lines.





Our mission

We help laboratories adapt to fluctuating market requirements by supplying them with a full range of excellent products at competitive prices.



Independent professional offer

As experts in a field of in vitro diagnostic, we are able to select the most suitable formulas to assure the best parameters of our ready-to-use media. The optimal composition warrants rapid growth and accurate identification of microorganisms.



A product tailored to your needs

We assist both, leading laboratories as well as more specialized research and development units. In addition to routinely manufactured products we offer (on request) custom-made media, designed to meet Customer's needs. With such attitude we are able to meet requirements of the most demanding Customers.

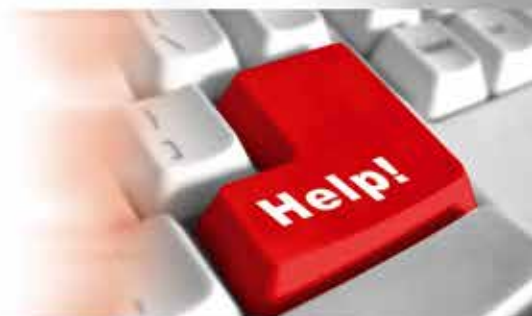


Navigating through sales with you

To stay to our Customers as close as possible, we have established a network of sale representatives who collect information regarding requests, trends and problems encountered in microbiology field. Such feedback makes our offer continuously in line with our Customers' essential needs.

Technical assistance

Customer Service Department consists of biotechnology and microbiology specialists, who are always at your service, either on a phone or through our website discussion forum: www.grasobiotech.pl



Freshly-made products of highest quality

Thanks to our system of continuous collecting orders, our Customer is supplied with a freshly prepared, quality control released product



Direct Sales – Quick delivery

Thanks to our own distribution network, immediately after passing the production line and quality control procedures our media are shipped directly to the user.





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A Dash of history...

*I*n the beginning, microorganisms multiplication methods employed broths based on fresh beef serum or meat extracts, which led to numerous difficulties in obtaining pure cultures. In 1872 a German botanist, Joseph Schröter, managed to isolate bacteria on solid medium. In order to distinguish between colonies, he passaged dye-producing bacteria on cooked potato slices, coagulated egg white or starch.¹ In 1881, during scientific conference in London, a German physician, Robert Koch presented a new culturing technique. That „innovation”, involving broth enrichment with gelatin followed by pouring it onto flat glass plates, was at that time familiar to mycologists. Even though, so called, „nutrient gelatin” was a great step-forward, it was still far from a method free from obstacles. For example, gelatin-fixed media would become liquid at temperature any higher than room temperature, which led to difficulties and growth inhibition for most pathogens. One year later, Walther Hesse during his scientific exchange in Kochs lab managed to replace gelatin with agar. Actually, it was the idea of his wife - Fannie, who eagerly participated in husband’s research. She had been using agar to prepare her home made fruit jellies. The family recipe came from their Dutch friends, who had acquainted with culinary use of agar on Jawa.² Unlike gelatin, agar does not melt at 37°C, and rarely is digested by bacteria. Fannie was also artistic. Her drawings of bacterial colonies seen through a microscope lens and exquisite watercolors depicting various stages of *Salmonella typhi* growth illustrated her husbands’ research in published papers. Six years later, Julius Petri, another worker in Koch’s laboratory modified the dishes used for media. To avoid contamination, he designed an overhanging lid that replaced cumbersome bell jars. That’s how the Petri dish was invented.³ This amended technique of culturing had influenced development of new recipes for media. There are over 2.5 thousand of them described in the Max Levin and Henri Schoenle in monography published in 1930!⁴ In England, until 1930s, media had been prepared by each laboratory for its own use. Constant advance of the London County Council hospital services had resulted in development of, what we would call nowadays, a network of laboratories that had inspired British bacteriologist, James McCartney to set up a central media kitchen.⁵ Dr. MacCartney also introduced the screw-capped bottles for ready-to use media.⁶ It was only after II World War, that dehydrated culture media that we are familiar with today, came into use.



1. Hitchens, A. P. & Leikind, M. C. The Introduction of Agar-agar into Bacteriology. *J Bacteriol*, 37(5), 485-493 (1939).
2. Hesse, W. Walther & Angelina Hesse-Early Contributors to Bacteriology. *ASM News* 58, 425-428 (1992).
3. Petri, R. J. Eine kleine Modification des Koch'schen Plattenverfahrens. *Centralbl. F. Bakteriol.*, 1, 279-280 (1887).
4. Levine, M. and Schoenlein, H. W. A compilation of culture media for the cultivation of microorganisms. Baltimore, The Williams & Wilkins Company, Baltimore USA (1930)
5. Collard, P. The development of microbiology. Cambridge University Press: New York (1976).
6. McCartney, J. E., 1933, Screw-capped bottles in the preparation and storage of culture media. *Lancet*, 2, 433 (1993).

1.1 CULTURE MEDIA

Culture media	Ref. No.	Packaging	Type / Volume
1% Glucose Broth For the cultivation of a wide variety of microorganisms.	3118 6209	bottle tube	500, 200, 100 ml 5 ml
1% Peptone Water with rhamnose For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of rhamnose decomposition.	3131 6142	bottle tube	500, 200, 100 ml 3 ml
1% Peptone Water with tryptophane For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of indole production. <i>Reagent: Ehrlich's reagent (Ref. No. 3130), Kovac's reagent (Ref. No. 3135)</i>	3117 6136	bottle tube	500, 200, 100 ml 3 ml
1,5 % Enrichment Agar with 1% glucose For the cultivation of a wide variety of fastidious microorganisms.	3221	bottle	500, 200, 100 ml
Acetamide Broth according to EN ISO 16266 For the confirmation of <i>Pseudomonas aeruginosa</i> in water.	8045 6045	bottle tube	500, 200, 100 ml 5 ml
ALOA Agar (Ottaviani & Agosti) For the selective isolation, enumeration and presumptive identification of <i>Listeria monocytogenes</i> and <i>Listeria</i> spp. from food samples.	1343	plate	90 mm
Azide Blood Agar with 5% sheep blood For the selective isolation of Gram positive organisms from clinical and non-clinical samples.	1111	plate	90 mm
Azide Blood Agar with 5% sheep blood and crystal violet For the selective isolation of <i>Streptococcus</i> spp. from clinical and non-clinical samples.	1112	plate	90 mm
Bacillus Cereus Agar (Mannitol Yolk Polymyxin – M.Y.P.) according to EN ISO 7932 For the selective isolation of <i>Bacillus cereus</i> from food.	8041	plate	90 mm
BBE Agar (Bacteroides Bile Esculin Agar) For the isolation of <i>Bacteroides fragilis</i> group.	1039	plate	90 mm
Baird Parker Agar base For the selective isolation and enumeration of <i>Staphylococcus aureus</i> . <i>Supplements: Egg yolk tellurite (Ref. No. X085)</i>	3082	bottle	500, 200, 100 ml
Baird Parker Agar For the selective isolation and enumeration of <i>Staphylococcus aureus</i> .	1320	plate	90 mm
Baird Parker Agar + RPF supplement (90 ml + 10 ml) according to EN ISO 6888-2	3226	bottle	90 + 10 ml
Baird Parker Agar + RPF supplement according to EN ISO 6888-2 For the selective isolation and enumeration of <i>Staphylococcus aureus</i> from food.	1321	plate	90 mm
BCYE Agar (Charcoal Yeast Extract Agar) according to EN ISO 11731 For the isolation of <i>Legionella</i> spp.	8049	plate	90 mm
BCYE without cysteine (Charcoal Yeast Extract Agar) according to EN ISO 11731 For the isolation of <i>Legionella</i> spp.	8050	plate	90 mm

Culture media	Ref. No.	Packaging	Type / Volume
Bile Esculin Azide Agar according to EN ISO 7899 For the selective isolation and enumeration of <i>Enterococcus</i> spp. in water by the membrane filtration technique.	8028 1528	bottle plate	500, 200, 100 ml 90 mm
Bile Esculin Agar according to EN ISO 10273 For the selective isolation of <i>Yersinia enterocolitica</i> on the basis of esculin fermentation.	1346	plate	90 mm
Bismuth Sulphite Agar (Wilson Blair) For the selective isolation of <i>Salmonella</i> spp.	1040	plate	90 mm
Blood Agar base For use with blood for the cultivation of a wide variety of fastidious microorganisms. <i>Supplements: Sheep blood (Ref. No. 1000)</i>	3011	bottle	500, 200, 100 ml
Blood Agar with 5% sheep blood For the cultivation of a wide variety of fastidious microorganisms.	1110	plate	90 mm
BHI Agar (Brain Heart Infusion Agar) For the cultivation of a wide variety of fastidious microorganisms.	3023 1168	bottle plate	500, 200, 100 ml 90 mm
Brain Heart Infusion Agar with 5% sheep blood For the cultivation of a wide variety of fastidious microorganisms.	1160	plate	90 mm
Brain Heart Infusion Agar with gentamycin (500 mg/l) For the selective isolation of <i>Enterococcus</i> spp. with high-level aminoglycoside resistance.	1163	plate	90 mm
Brain Heart Infusion Agar with teicoplanin (10 mg/l) For the selective isolation of <i>Staphylococcus</i> spp. with high-level teicoplanin resistance.	1165	plate	90 mm
Brain Heart Infusion Agar with vancomycin (8 mg/l) For the selective isolation of <i>Enterococcus</i> spp. with high-level vancomycin resistance.	1189	plate	90 mm
Brain Heart Infusion Agar with vancomycin (6 mg/l) For the selective isolation of <i>Enterococcus</i> spp. with high-level vancomycin resistance.	1162	plate	90 mm
Brain Heart Infusion Agar with streptomycin (2000 mg/l) For the selective isolation of <i>Enterococcus</i> spp. with high-level aminoglycoside resistance.	1164	plate	90 mm
Brain Heart Infusion Agar with kanamycin (512 mg/l) For the selective isolation of <i>Enterococcus</i> spp. with high-level aminoglycoside resistance.	1135	plate	90 mm
Brain Heart Infusion Agar with potassium tellurite For the isolation and differentiation of <i>Enterococcus</i> spp.	1186	plate	90 mm
BHI Broth (Brain Heart Infusion Broth) For the enrichment of fastidious microorganisms.	3022 6020	bottle tube	500, 200, 100 ml 5 ml
BGA (Brilliant Green Agar Modified) For the selective isolation of <i>Salmonella</i> spp.	1360	plate	90 mm
Brilliant Green Bile Broth (2 %) For the selective enrichment of coliform bacteria in water, food and dairy products.	6314	tube	5 ml

Culture media	Ref. No.	Packaging	Type / Volume
Bromocresol Purple Broth with 10% lactose For the biochemical differentiation of microorganisms on the basis of lactose fermentation.	3125 6128	bottle tube	500, 200, 100 ml 3 ml
Brucella Agar base For the isolation of <i>Brucella</i> spp. and other fastidious microorganisms. <i>Supplements: Horse blood (Ref. No. 1002)</i>	3026	bottle	500, 200, 100 ml
Brucella Agar with 5% horse blood For the cultivation of <i>Brucella</i> spp. and other fastidious microorganisms including <i>Streptococcus pneumoniae</i> , <i>Streptococcus viridans</i> , <i>Neisseria meningitidis</i> .	1033	plate	90 mm
Brucella Agar with 5% sheep blood, haemin and vit. K For determining the Minimum Inhibitory Concentration (MIC) for anaerobic microorganisms.	1043	plate	90 mm
Brucella Broth For the cultivation of <i>Brucella</i> spp. and other fastidious microorganisms.	3027 6095	bottle tube	500, 200, 100 ml 5 ml
Buffered Listeria Enrichment Broth For the selective cultivation of <i>Listeria</i> spp. within 24h.	3137	bottle	225 ml
Buffered Peptone Water For the enrichment of <i>Salmonella</i> spp. from food.	3043 6019	bottle tube	500, 200, 100 ml 5, 9 ml
Burkholderia Cepacia Agar base For the selective isolation of <i>Burkholderia cepacia</i> . <i>Supplements: Ticarcilin, Polymyxin (Ref. No. X140)</i>	3222	bottle	200 ml
Burkholderia Cepacia Agar For the selective isolation of <i>Burkholderia cepacia</i> .	1016	plate	90 mm
CAMP Medium For the presumptive identification of <i>Streptococcus agalactiae</i> (Lancefield group B) and <i>Listeria</i> .	1500	plate	90 mm
Campylobacter Agar with 10% sheep blood For the selective isolation of <i>Campylobacter</i> spp.	1291	plate	90 mm
Cetrymide Agar For the isolation of <i>Pseudomonas aeruginosa</i> .	3045 1310	bottle plate	500, 200, 100 ml 90 mm
Cetrymide Agar count-tact For the isolation of <i>Pseudomonas</i> spp. from sanitized surfaces.	7017	plate	65 mm
Chocolate Agar with Poly Vitex For the cultivation of a wide variety of fastidious microorganisms, including <i>Neisseria gonorrhoeae</i> , <i>Haemophilus</i> spp.	1080	plate	90 mm
Christensen Agar (slant) For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of urease production.	6111	tube	7 ml
Christensen Agar for dermatophytes (slant) For the selective isolation of dermatophytes.	6112	tube	7 ml
Christensen Broth For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of urease production.	3116 6133	bottle tube	500, 200, 100 ml 3 ml

Culture media	Ref. No.	Packaging	Type / Volume
CHROMagar Acinetobacter For the selective isolation of <i>Acinetobacter</i> spp.	1481	plate	90 mm
CHROMagar Candida For the isolation and differentiation of <i>Candida</i> spp.	3208 1400	bottle plate	500, 200, 100 ml 90 mm
CHROMagar Campylobacter For the detection, differentiation and enumeration of thermotolerant <i>Campylobacter</i> spp.	1385	plate	90 mm
CHROMagar C.difficile For detection of <i>Clostridium difficile</i> .	1408	plate	90 mm
CHROMagar ECC For the isolation and enumeration of <i>Escherichia coli</i> and other coliform from food, clinical and water samples.	3211 1401	bottle plate	500, 200, 100 ml 90 mm
CHROMagar ESBL For the selective isolation of ESBL-producing bacteria.	1470	plate	90 mm
CHROMagar KPC For the selective isolation and differentiation of Gram negative bacteria with a reduced susceptibility to most of the carbapenem agents.	1471	plate	90 mm
CHROMagar Listeria For the selective isolation of <i>Listeria monocytogenes</i> from clinical samples.	1440	plate	90 mm
CHROMagar MRSA For the selective isolation of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA).	1402	plate	90 mm
CHROMagar mSuper Carba For detection and isolation of carbapenemase-producing <i>Enterobacteriaceae</i> (CPE)	1473	plate	90 mm
CHROMagar O157 For the selective isolation of <i>Escherichia coli</i> O157.	1430	plate	90 mm
CHROMagar Orientation For the isolation and differentiation of urinary tract pathogens, including Gram negative and Gram positive bacteria.	1410	plate	90 mm
CHROMagar Pseudomonas For the isolation and enumeration of <i>Pseudomonas</i> spp. from food, clinical and water samples.	1480	plate	90 mm
CHROMagar Salmonella For the isolation and enumeration of <i>Salmonella</i> spp., including <i>Escherichia coli</i> and <i>Proteus</i> spp. from food, clinical and water samples.	1420	plate	90 mm
CHROMagar Salmonella PLUS For the selective isolation of <i>Salmonella</i> spp, including <i>Salmonella typhi</i> , <i>Salmonella paratyphi</i> and lactose positive <i>Salmonella</i> .	3556 1421	bottle plate	500, 200, 100 ml 90 mm
CHROMagar Staphylococcus aureus For the selective isolation of <i>Staphylococcus aureus</i> .	1404	plate	90 mm
CHROMagar STEC For detection of Shiga-Toxin producing <i>E.coli</i> (STEC).	1381	plate	90 mm

Culture media	Ref. No.	Packaging	Type / Volume
CHROMagar Strep B For the selective isolation of <i>Streptococcus agalactiae</i> .	1007	plate	90 mm
CHROMagar Vibrio For the selective isolation of <i>Vibrio parahaemolyticus</i> , <i>V. vulnificus</i> and <i>V. cholerae</i> .	3567 1422	bottle plate	500, 200, 100 ml 90 mm
CHROMagar VRE For the selective isolation of the <i>Enterococcus</i> strains holding a transmissible vancomycin resistance, <i>E. faecalis</i> and <i>E. faecium</i> .	1460	plate	90 mm
CHROMagar Y. enterocolitica For detection and direct differentiation of pathogenic <i>Yersinia enterocolitica</i> .	1484	plate	90 mm
Clark Broth (Methyl Red - Voges-Proskauer Medium - MR-VP) For the differentiation of bacteria by means of the methyl red and Voges-Proskauer reactions.	3524 6147	bottle tube	500, 200, 100 ml 3 ml
CLED Agar (Cystine Lactose Electrolyte Deficient Agar) For the differentiation and enumeration of microorganisms in urine.	3047 1030	bottle plate	500, 200, 100 ml 90 mm
Clostridium Difficile Agar For the isolation of <i>Clostridium difficile</i> .	1005	plate	90 mm
Columbia Agar base For the cultivation of a wide variety of fastidious microorganisms. <i>Supplements: Sheep blood (Ref. No. 1000)</i>	3014	bottle	500, 200, 100 ml
Columbia Agar with 5% sheep blood For the cultivation of a wide variety of fastidious microorganisms.	1190	plate	90 mm
Columbia Agar with 7% sheep blood For the cultivation of a wide variety of fastidious microorganisms.	1190B	plate	90 mm
Columbia Agar with 5% horse blood For the cultivation of a wide variety of fastidious microorganisms.	1198	plate	90 mm
Columbia CV (Crystal Violet) Agar with 5% sheep blood For the selective isolation of <i>Streptococcus</i> spp.	1195	plate	90 mm
Columbia GP (Gentamycin, Polymyxin) Agar with 5% sheep blood For the selective isolation of β -haemolysis <i>Streptococcus</i> spp.	1194	plate	90 mm
Columbia Tellurite Agar For the isolation and differentiation of <i>Enterococcus</i> spp.	1193	plate	90 mm
Columbia CNA (Colistin, Nalidixic Acid) Agar base For the selective isolation of Gram positive bacteria. <i>Supplements: Sheep blood (Ref. No. 1000)</i>	3015	bottle	500, 200, 100 ml
Columbia CNA (Colistin, Nalidixic Acid) Agar with 5% sheep blood For the selective isolation of Gram positive bacteria.	1191	plate	90 mm
Corn Meal Agar For the cultivation of phytopathological fungi and production of chlamydo spores by <i>Candida albicans</i> .	3570 1028	bottle plate	500, 200, 100 ml 90 mm

Culture media	Ref. No.	Packaging	Type / Volume
Cronobacter Sakazakii Enrichment Broth (mLST) according to EN ISO/TS 22964: 2006 (E) For the selective enrichment of <i>Cronobacter skazakii</i> .	6024	tube	10 ml
Cronobacter Sakazakii Agar (ESIA) according to EN ISO/TS 22964: 2006 (E) For the selective isolation of <i>Cronobacter skazakii</i> .	1409	plate	90 mm
Czapek-Dox Agar For the cultivation of acidophilic organisms such as yeasts.	1014	plate	90 mm
Deoxycholate Citrate Agar For the isolation and differentiation of Gram negative enteric bacilli.	1451	plate	90 mm
Derma TEST Agar For the selective isolation of dermatophytic fungi.	1452 6008	plate tube	90 mm 7 ml
Dextrose Tryptone Agar For the isolation of mesophilic or thermophilic spoilage microorganisms from food.	1038	plate	90 mm
DG-18 (Dichloran Glycerol Agar) For the selective isolation and enumeration of yeasts and molds from food.	3087 1115	bottle plate	500, 200, 100 ml 90 mm
Dixon Agar For the cultivation of <i>Malassezia furfur</i> .	1515 6001	plate tube	90 mm 7 ml
DNase Test Agar For the differentiation of microorganisms on the basis of deoxyribonuclease activity.	1450	plate	90 mm
DRBC Agar (Dichloran Rose Bengal Chloramphenicol Agar) For the selective isolation of yeasts and molds from food.	3230 1508	bottle plate	500, 200, 100 ml 90 mm
EC Broth For the detection of coliform bacteria at 37°C and <i>Escherichia coli</i> at 44,5°C.	3520 6213	bottle tube	500, 200, 100 ml 5 ml
Edwards Agar Modified with 5% sheep blood For the selective isolation of <i>Streptococcus agalactiae</i> and other <i>Streptococcus</i> spp.	1220	plate	90 mm
Endo Agar For the isolation of faecal <i>Escherichia coli</i> and other coliform bacteria.	1350	plate	90 mm
Endo Les Agar according to EN ISO 9308 For the isolation and enumeration of coliform bacteria in water by the membrane filtration technique.	8018	plate	60 mm
Enterococcosel Agar (Bile Esculin Azide Agar) For the selective isolation and differentiation of Group D <i>Streptococcus</i> .	6091 1070	tube plate	7 ml 90 mm
Enterococcosel Agar (Bile Esculin Azide Agar) with vancomycin 6 mg/l For the selective isolation of <i>Enterococcus</i> spp. with high-level vancomycin resistance.	1072	plate	90 mm
Falkow Decarboxylase Broth control For the biochemical differentiation of Gram negative enteric bacilli on the basis of arginine lysine, ornithine decarboxylation.	3129 6132	bottle tube	500, 200, 100 ml 3 ml

Culture media	Ref. No.	Packaging	Type / Volume
Falkow Decarboxylase Broth with arginine For the biochemical differentiation of Gram negative enteric bacilli on the basis of arginine decarboxylation.	3123 6130	bottle tube	500, 200, 100 ml 3 ml
Falkow Decarboxylase Broth with lysine For the biochemical differentiation of Gram negative enteric bacilli on the basis of lysine decarboxylation.	3122 6129	bottle tube	500, 200, 100 ml 3 ml
Falkow Decarboxylase Broth with ornithine For the biochemical differentiation of Gram negative enteric bacilli on the basis of ornithine decarboxylation.	3124 6131	bottle tube	500, 200, 100 ml 3 ml
Falkow Decarboxylase Broth with rhamnose For the biochemical differentiation of Gram negative enteric bacilli on the basis of rhamnose decarboxylation.	6005	tube	3 ml
Fermentation Medium, Base For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of fermentation arabinose, dulcitol, mannitol, rhamnose, sorbitol or xylose fermentation.	3535	bottle	500, 200, 100 ml
Fermentation Medium, arabinose For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of arabinose fermentation.	3215 6204	bottle tube	500, 200, 100 ml 5 ml
Fermentation Medium, dulcitol For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of dulcitol fermentation.	3212 6215	bottle tube	500, 200, 100 ml 5 ml
Fermentation Medium, mannitol For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of mannitol fermentation.	3213 6203	bottle tube	500, 200, 100 ml 5 ml
Fermentation Medium, sorbitol For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of sorbitol fermentation.	3214 6214	bottle tube	500, 200, 100 ml 5 ml
Fermentation Medium, rhamnose For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of rhamnose fermentation.	6211	tube	5 ml
Fermentation Medium, xylose For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of xylose fermentation.	6206	tube	5 ml
Fraser Broth according to EN ISO 11290 For the selective enrichment of <i>Listeria</i> spp.	3001 6006	bottle tube	500, 200, 100 ml 10 ml
Fungisel Agar with phenol red For the selective isolation of dermatophytic fungi.	1240 6103	plate tube	90 mm 7 ml
Giolitti-Cantoni Broth For the selective enrichment and enumeration of <i>Staphylococcus</i> spp.	3002 6012	bottle tube	500, 200, 100 ml 9 ml
Glucose Agar according to EN ISO 21528-1:2005 For the biochemical differentiation of microorganisms on the basis of glucose fermentation.	8034	tube	5 ml
Glucose OF Medium For confirmation of <i>Enterobacteriaceae</i> from food, animal feeding, stuffs and environmental samples.	6139	tube	5 ml

Culture media	Ref. No.	Packaging	Type / Volume
GVPC (Charcoal Yeast Extract Agar with selective supplements) according to EN ISO 11731 For the selective isolation of <i>Legionella</i> spp.	8051	plate	90 mm
Haemophilus Chocolate Agar For the selective isolation of <i>Haemophilus influenzae</i> .	1261	plate	90 mm
HC Agar For the enumeration of molds in cosmetics.	3538	bottle	500, 200, 100 ml
HC Agar with Tween 80 For use with polysorbate 80 for the enumeration of molds in cosmetics.	1349	plate	90 mm
Hektoen Enteric Agar For the isolation and differentiation of enteric pathogens.	3021 1060	bottle plate	500, 200, 100 ml 90 mm
HTM Agar (Haemophilus Test Medium) For the susceptibility testing of <i>Haemophilus influenzae</i> .	1260	plate	90 mm
Indole Medium (tryptone–tryptophane) For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of indole production. <i>Reagents: Ehrlich's reagent (Ref. No. 3130), Kovac's reagent (Ref. No. 3135)</i>	3550 6144	bottle tube	500, 200, 100 ml 3 ml
Indole - Urease Medium For the biochemical differentiation of microorganisms on the basis of urease, indole production.	3119 6137	bottle tube	500, 200, 100 ml 3 ml
Karmali Agar for Campylobacter For the isolation of <i>Campylobacter</i> spp.	1009	plate	90 mm
Kessler-Swenarton Agar For the selective isolation of <i>Escherichia coli</i> .	3516	bottle	500, 200, 100 ml
King A Agar (Pseudomonas P) For the selective isolation of <i>Pseudomonas aeruginosa</i> on the basis of pyocyanin production.	1025	plate	90 mm
King B Agar (Pseudomonas F) For the selective isolation of <i>Pseudomonas aeruginosa</i> on the basis of fluorescein production.	3534 6022 1015	bottle tube plate	500, 200, 100 ml 7 ml 90 mm
Kligler Iron Agar For the biochemical differentiation of microorganisms on the basis of dextrose and lactose fermentation and hydrogen sulphite production.	3111 6070 6124	bottle tube tube	500, 200, 100 ml 7 ml 3 ml
Lactobacilli MRS Agar For the cultivation of <i>Lactobacillus</i> spp.	3029 1512	bottle plate	500, 200, 100 ml 90 mm
Lactobacilli MRS Broth For the enrichment of <i>Lactobacillus</i> spp.	3608 6078	bottle tube	500, 200, 100 ml 5 ml
Lactose Broth according to EN ISO 9308 For the biochemical differentiation of microorganisms on the basis of lactose fermentation.	8024 6034	bottle tube	500, 200, 100 ml 5 ml
Lactose Broth For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of lactose fermentation.	3143	bottle	500, 200, 100 ml

Culture media	Ref. No.	Packaging	Type / Volume
Lauryl Sulphate Broth For the detection of coliform bacteria in water and wastewater.	3003 6025	bottle tube	500, 200, 100 ml 5 ml
Lauryl Tryptose Mannitol Broth (with Durham's tube) For the biochemical differentiation of <i>Escherichia coli</i> in water samples on the basis of gas and indole production.	8035 6002	bottle tube	500, 200, 100 ml 5 ml
Lethen Agar with lecithin & Tween 80 For the cultivation of microorganisms in cosmetics.	3150 1215	bottle plate	500, 200, 100 ml 90 mm
Lethen Broth with lecithin & Tween 80 For the cultivation of microorganisms in cosmetics.	3541	bottle	500, 200, 100 ml
Levine Eosin Methylene Blue Agar (LEMB) For the isolation and differentiation of Gram negative enteric bacilli.	3033 1011	bottle plate	500, 200, 100 ml 90 mm
Loeffler Medium For the cultivation of <i>Corynebacterium</i> spp.	6003	tube	4 ml
Lowenstein-Jensen Agar without malachite green For the cultivation of <i>Mycobacterium</i> spp.	6160	tube	7 ml
Lowenstein-Jensen Agar with malachite green For the cultivation of <i>Mycobacterium</i> spp.	6161	tube	7 ml
Lysine Decarboxylase Broth For the biochemical differentiation of microorganisms, especially enteric bacilli on the basis of lysine decarboxylation.	6146	tube	5 ml
mCCD Agar (Campylobacter Blood-Free Selective Agar) according to EN ISO 10272-1:2006 For the isolation of <i>Campylobacter</i> spp.	1008	plate	90 mm
m-CP Agar For the isolation of <i>Clostridium perfringens</i> in water by the membrane filtration technique.	1032	plate	90 mm
MacConkey Agar with crystal violet For the isolation and differentiation of Gram negative enteric bacilli.	3017 1020	bottle plate	500, 200, 100 ml 90 mm
MacConkey Agar, CS (Controlled Swarming) For the isolation and differentiation of Gram negative enteric bacilli from samples containing swarming strains of <i>Proteus</i> spp.	1026	plate	90 mm
MacConkey Agar with sorbitol For the isolation of pathogenic <i>Escherichia coli</i> O157:H7.	3008 1021	bottle plate	500, 200, 100 ml 90 mm
MacConkey Agar with cefixime, tellurite, sorbitol (CT-SMAC) according to EN ISO 16654 For the isolation of <i>Escherichia coli</i> O157: H7.	1027	plate	90 mm
MacConkey Broth For the detection of coliform bacteria in milk and water.	3128 6210	bottle tube	500, 200, 100 ml 5 ml
Maloniate Medium For the biochemical differentiation of microorganisms on the basis of maloniate decomposition.	3114 6127	bottle tube	500, 200, 100 ml 3 ml
Malt Extract Agar For the isolation of yeasts and molds.	3545	bottle	500, 200, 100 ml

Culture media	Ref. No.	Packaging	Type / Volume
Malt Extract Chloramphenicol Streptomycin Agar For the isolation of yeasts and molds.	1523	plate	90 mm
Malt Extract Chloramphenicol Streptomycin Agar count-tact For the isolation of yeasts and molds from sanitized surfaces.	7012	plate	65 mm
Mannitol Salt Agar (Chapman) For the isolation of <i>Staphylococcus</i> spp.	3016 1050	bottle plate	500, 200, 100 ml 90 mm
Milk Plate Count Agar For the isolation and enumeration of microorganisms in milk and dairy products.	8038 1513	bottle plate	500, 200, 100 ml 90 mm
Mossel Broth (EE Broth) For the cultivation and enrichment of <i>Enterobacteriaceae</i> in food.	3140 6082	bottle tube	500, 200, 100 ml 5 ml
MSRV Agar (Modified Semisolid Rappaport-Vassiliadis) according to EN ISO 6579/A1 For the selective isolation of <i>Salmonella</i> spp.	3085	bottle	500, 200, 100 ml
MRSA Agar (Methicillin-Resistant Staphylococcus aureus) For the selective isolation of methicillin-resistant <i>Staphylococcus aureus</i> .	1173	plate	90 mm
Mueller Hinton II Agar according to EUCAST For use in antimicrobial susceptibility testing by the disk diffusion method and for determining the Minimum Inhibitory Concentration (MIC) diffusion method	3096 1051 4006	bottle plate plate	500, 200, 100 ml 90 mm 140 mm
Mueller Hinton II Agar with 2% NaCl For the assay of MIC value.	1177	plate	90 mm
Mueller Hinton II Agar with 5% NaCl For the susceptibility testing of methicillin-resistant <i>Staphylococcus aureus</i> isolated from clinical samples.	3034 1175	bottle plate	500, 200, 100 ml 90 mm
Mueller Hinton II Agar with 5% sheep blood For use in antimicrobial susceptibility testing by the disk diffusion method.	1172 4002	plate plate	90 mm 140 mm
Mueller Hinton II Agar with 5% sheep blood + 2 mg/l NAD (MH-F) For use in antimicrobial susceptibility testing of a wide variety of fastidious microorganisms especially <i>Haemophilus influenzae</i> and <i>Streptococcus</i> by the disk diffusion method.	1370 4011	plate plate	90 mm 140 mm
Mueller Hinton Cloxacillin Agar For the isolation of plasmid-mediated AmpC beta-lactamases producing bacteria.	1216	plate	90 mm
Mueller Hinton Broth For the tube dilution technique for the determination of antibiotic MIC values	3512 6302	bottle tube	500, 200, 100 ml 5 ml
Mueller Hinton Broth (Cation-Adjusted) For the susceptibility testing of rapidly-growing aerobic and facultatively anaerobic bacteria isolated from clinical samples.	6320	tube	11 ml
MKTTn (Mueller Kauffmann–Novobiocin Broth) For the selective enrichment of <i>Salmonella</i> spp.	6092	tube	10 ml
Mycological Agar For use in antimycotic susceptibility testing by the disk diffusion method.	3216 1176	bottle plate	500, 200, 100 ml 90 mm

Culture media	Ref. No.	Packaging	Type / Volume
Nutrient Agar 1,5% For the cultivation of a wide variety of fastidious microorganisms.	3205 1503 6014	bottle plate tube	500, 200, 100 ml 90 mm 7 ml
Nutrient Agar For the cultivation of a wide variety of fastidious microorganisms.	6310	tube	7 ml
Nutrient Agar according to EN ISO 21528-1 For the cultivation of a wide variety of microorganisms, especially <i>Enterobacteriaceae</i> .	1522	plate	90 mm
Nutrient Broth For the enrichment of a wide variety of fastidious microorganisms.	3227	bottle	500, 200, 100 ml
Nystatin Actidione Medium For the isolation of bacteria.	1023	plate	90 mm
OGYE Agar (Oxytetracycline-Glucose-Yeast Extract Agar) For the selective isolation of yeasts and molds from food.	1113	plate	90 mm
OGYE Agar (Oxytetracycline-Glucose-Yeast Extract Agar) with lecithin and Tween 80 For the selective isolation of yeasts and molds from food.	1114	plate	90 mm
Oxford Agar For the selective isolation of <i>Listeria</i> spp.	1292	plate	90 mm
PP Agar (Motility Test Agar) For the differentiation of <i>Enterococcus</i> spp. on the basis of motility.	6241	tube	3 ml
PP Red Agar (Red Motility Agar) For the differentiation of <i>Enterobacteriaceae</i> on the basis of motility and colour reaction.	6141	tube	3 ml
Palcam Agar For the selective isolation of <i>Listeria</i> spp.	1502	plate	90 mm
Peptone Water For the cultivation of non-fastidious microorganisms.	3039 6060	bottle tube	500, 200, 100 ml 5 ml
Phenylalanine Agar For the biochemical differentiation of microorganisms on the basis of phenylalanine deamination.	3115 6126	bottle tube	500, 200, 100 ml 3 ml
Potato Dextrose Chloramphenicol Agar For the isolation of fungi.	1236	plate	90 mm
Potato Dextrose Chloramphenicol Gentamycin Agar For the isolation of fungi.	1237	plate	90 mm
Pseudomonas Isolation Agar For the isolation of <i>Pseudomonas aeruginosa</i> and other <i>Pseudomonas</i> spp.	1507	plate	90 mm
Pseudomonas CN (Cetrymide, Nalidixic Acid) Agar according to EN ISO 16266 For the selective isolation of <i>Pseudomonas aeruginosa</i> .	8046 1022	bottle plate	500, 200, 100 ml 90 mm
R2 Agar For the enumeration and cultivation of bacteria in potable water.	8044 1544	bottle plate	500, 200, 100 ml 90 mm

Culture media	Ref. No.	Packaging	Type / Volume
Rappaport-Vassiliadis Broth according to EN ISO 6579 For the selective isolation of <i>Salmonella</i> spp.	6011	tube	10 ml
Sabouraud Dextrose Agar For the isolation of fungi.	3010 1230	bottle plate	500, 200, 100 ml 90 mm
Sabouraud Dextrose Actidione Agar For the selective isolation of fungi.	1234	plate	90 mm
Sabouraud Dextrose Chloramphenicol Agar For the selective isolation of fungi.	3020 6303 1231	bottle tube plate	500, 200, 100 ml 7 ml 90 mm
Sabouraud Dextrose Chloramphenicol Actidione Agar For the selective isolation of fungi.	3040 6304 1233	bottle tube plate	500, 200, 100 ml 7 ml 90 mm
Sabouraud Dextrose Chloramphenicol Gentamycin Agar For the selective isolation of fungi.	3030 6301 1232	bottle tube plate	500, 200, 100 ml 7 ml 90 mm
Sabouraud Dextrose Agar with lecithin & Tween count-tact For the isolation of yeasts and molds from sanitized surfaces.	7020	plate	65 mm
Sabouraud Dextrose Broth For the cultivation of fungi.	3050 6010	bottle tube	500, 200, 100 ml 5 ml
Salmonella Shigella Agar For the isolation of <i>Salmonella</i> spp. and some strains of <i>Shigella</i> spp.	3018 1250	bottle plate	500, 200, 100 ml 90 mm
Schaedler Agar base with vit. K-3 For the cultivation of anaerobic microorganisms. <i>Supplements: Sheep blood (Ref. No. 1000)</i>	3036	bottle	500, 200, 100 ml
Schaedler Agar with 5% sheep blood For the cultivation of anaerobic microorganisms.	1200	plate	90 mm
Schaedler Agar with 5% sheep blood and vit. K-3 For the cultivation of anaerobic microorganisms.	1201	plate	90 mm
Schaedler CNA Agar with 5% sheep blood For the selective isolation of anaerobic Gram positive cocci <i>Peptococcus</i> and <i>Peptostreptococcus</i> spp.	1202	plate	90 mm
Schaedler Kanamycin Vancomycin Agar with 5% sheep blood For the selective isolation of the anaerobic Gram negative microorganisms, especially <i>Bacteroides</i> spp.	1207	plate	90 mm
Schaedler Neomycin Vancomycin Agar with 5% sheep blood For the selective isolation of anaerobic microorganisms.	1205	plate	90 mm
Schaedler Vancomycin Agar with 5% sheep blood For the selective isolation of anaerobic microorganisms, especially <i>Bacteroides</i> spp.	1206	plate	90 mm
Schaedler Broth For the cultivation of anaerobic microorganisms.	3207 6100	bottle tube	500, 200, 100 ml 10 ml
Schaedler Broth with vit. K-3 (agar 0,02%) For the cultivation of anaerobic microorganisms.	6102	tube	10 ml

Culture media	Ref. No.	Packaging	Type / Volume
Schaedler Broth with vit. K-3 (agar 0,2%) For the cultivation of anaerobic microorganisms.	6101	tube	10 ml
Selenite Cystine Broth For the selective cultivation of <i>Salmonella</i> spp. from clinical samples.	3044 6313	bottle tube	500, 200, 100 ml 5 ml
Selenite F Broth For the selective cultivation of <i>Salmonella</i> spp.	3037 6030	bottle tube	500, 200, 100 ml 5 ml
Semi Fraser Broth according to EN ISO 11290-1:2017 For the selective isolation of <i>Listeria</i> spp.	3005 6007	bottle tube	225 ml 10 ml
Simmons Citrate Agar For the biochemical differentiation of microorganisms on the basis of citrate utilization.	3112 6125	bottle tube	500, 200, 100 ml 3 ml
Singer Medium For the biochemical differentiation of microorganisms on the basis of urea decomposition and indole production.	6140	tube	1,5 ml
Slanetz-Bartley Agar according to EN ISO 7899-2 For the isolation and enumeration of <i>Enterococcus</i> spp. in water by the membrane filtration technique.	3401 8019	bottle plate	100 ml 90 mm
Sodium Chloride (NaCl) 6,5% Broth For the selective enrichment of <i>Enterococcus</i> spp.	3121 6122	bottle tube	500, 200, 100 ml 5 ml
Standard Agar For the cultivation of the wide spectrum of microorganisms.	3048 6123 1504	bottle tube plate	500, 200, 100 ml 7 ml 90 mm
Standard Broth For the cultivation of a wide spectrum of microorganisms.	3120 6121	bottle tube	500, 200, 100 ml 5 ml
Standard Methods Agar (PCA) For the cultivation of a wide variety of microorganisms.	3533 1342	bottle plate	500, 200, 100 ml 90 mm
Standard Methods Agar (PCA) count-tact For the isolation of microorganisms from sanitized surfaces.	7015	plate	65 mm
Sulphite Iron Agar according to EN ISO 26461-2 For the isolation and enumeration of <i>Clostridium</i> spp. in water.	8040 6023 1270	bottle tube plate	500, 200, 100 ml 7 ml 90 mm
Stonebrink Medium For the cultivation of <i>Mycobacterium</i> spp.	6150	tube	7 ml
Sugar Agar with 3% sheep blood according to Zeissler For the isolation of spore forming bacteria reducing sulphates.	1380	plate	90 mm
TBX Agar (Tryptone Bile X-glucuronide Agar) For the isolation and enumeration of <i>Escherichia coli</i> from food and water.	3522 1405	bottle plate	500, 200, 100 ml 90 mm
TCBS Agar (Thiosulphate-Citrate-Bile-Sucrose Agar) For the selective isolation of <i>Vibrio cholerae</i> and other enteropathogenic vibrios.	1351	plate	90 mm
Thayer Martin Agar Modified For the selective isolation of <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i> .	1083	plate	90 mm

Culture media	Ref. No.	Packaging	Type / Volume
Thioglycollate Broth For the enrichment of a wide variety of fastidious microorganisms.	3038 6040	bottle tube	500, 200, 100 ml 5 ml
Todd-Hewitt Broth For the cultivation of <i>Streptococcus</i> spp. and other fastidious microorganisms.	3041 6090	bottle tube	500, 200, 100 ml 5 ml
Todd-Hewitt Gentamycin Nalidixic Acid Broth Todd-Hewitt Colistin Nalidixic Acid Broth For the selective cultivation of <i>Streptococcus</i> group B, especially <i>Streptococcus agalactiae</i> (GBS).	6089 6088	tube tube	5 ml 5 ml
Trichomedium For the selective cultivation of <i>Trichomonas vaginalis</i> .	3042 6120	bottle tube	500, 200, 100 ml 2,5 ml
TSA (Tryptic Soy Agar) For the cultivation of a wide variety of microorganisms.	3031 6093 1180 4008	bottle tube plate plate	500, 200, 100 ml 7 ml 90 mm 140 mm
Tryptic Soy Agar with 5% sheep blood For the cultivation of a wide variety of fastidious microorganisms.	1181	plate	90 mm
Tryptic Soy Agar with 5% horse blood For the cultivation of a wide variety of fastidious microorganisms.	1184	plate	90 mm
Tryptic Soy Agar with lecithin & Tween For the isolation of microorganisms from samples with growth inhibitors	1013 4009 4008	plate plate plate	90 mm 120 mm 140 mm
Tryptic Soy Agar with lecithin & Tween count-tact For the isolation of microorganisms from sanitized surfaces with quaternary ammonium compounds.	7010	plate	65 mm
TSB (Tryptic Soy Broth) For the cultivation of a wide variety of microorganisms.	3032 6080	bottle tube	500, 200, 100 ml 5 ml
Tryptone Broth according to EN ISO 9308 For the biochemical differentiation of <i>Escherichia coli</i> in water samples on the basis of indole production.	8039	tube	5 ml
TSI Agar (Triple Sugar Iron Agar) according to EN ISO 6579 For the biochemical differentiation of microorganisms on the basis of glucose, lactose, sucrose fermentation and H ₂ S production.	3084 8015	bottle tube	500, 200, 100 ml 7 ml
TSC Agar (Tryptose Sulphite Cycloserine Agar) For the isolation and enumeration of <i>Clostridium perfringens</i> from food, water samples and clinical samples.	3081 8022	bottle plate	500, 200, 100 ml 90 mm
TSYEA (Tryptone Soya Yeast Extract Agar) according to EN ISO 11290 For the isolation of a wide variety of microorganisms, especially <i>Listeria</i> spp.	1019 6093a	plate tube	90 mm 7 ml
TTC Agar (Triphenyl Tetrazolium Chloride) according to EN ISO 9308 For the selective isolation of coliform bacteria, early detection of <i>Escherichia coli</i> .	3089 8029	bottle plate	500, 200, 100 ml 90 mm
Urea Agar according to EN ISO 6579 For the biochemical differentiation of microorganisms on the basis of urease production.	6205	tube	7 ml
VRBG Agar (Violet Red Bile Glucose Agar) For the isolation and enumeration of <i>Enterobacteriaceae</i> from food.	3006 1341	bottle plate	500, 200, 100 ml 90 mm

Culture media	Ref. No.	Packaging	Type / Volume
VRBG Agar (Violet Red Bile Glucose Agar) count-tact For the isolation of <i>Enterobacteriaceae</i> from sanitized surfaces with quaternary ammonium compounds.	7013	plate	65 mm
VRBL Agar (Violet Red Bile Lactose Agar) For the enumeration of coliforms from food and dairy products.	3046 1340	bottle plate	500, 200, 100 ml 90 mm
Wilkins Chalgren Agar with 5% sheep blood For the cultivation of anaerobic microorganisms.	1204	plate	90 mm
Willis Hobbs Agar For the cultivation of anaerobic microorganisms.	1010	plate	90 mm
XLD Agar (Xylose Lysine Deoxycholate Agar) For the selective isolation of <i>Salmonella</i> spp.	3514 1330	bottle plate	500, 200, 100 ml 90 mm
XLD Agar (Xylose Lysine Deoxycholate Agar) according to EN ISO 6579 For the selective isolation of <i>Salmonella</i> spp.	8013 3091	bottle plate	500, 200, 100 ml 90 mm
XLT 4 Agar with Tergitol T4 For the isolation of non-typhi <i>Salmonella</i> spp.	1518	plate	90 mm
Yeast Extract Glucose Agar according to EN ISO 7218 For the isolation of molds and yeasts from environment.	8030	plate	90 mm
YGC Agar (Yeast Extract Glucose Chloramphenicol Agar) For the cultivation and selective isolation of molds and yeasts.	3088 6036 8036	bottle tube plate	500, 200, 100 ml 15 ml 90 mm
Yeast Extract Agar without glucose according to EN ISO 6222 For the cultivation of total count of microorganisms in water.	8026 6048	bottle tube	500, 200, 100 ml 15 ml
Yersinia CIN (Cefsulodin-Irgasan-Novobiocin) Agar base For the selective isolation of <i>Yersinia</i> spp. <i>Supplements: CIN (Cefsulodin-Irgasan-Novobiocin) supplement (Ref. No. X120)</i>	3515	bottle	500, 200, 100 ml
Yersinia CIN (Cefsulodin-Irgasan-Novobiocin) Agar For the selective isolation of <i>Yersinia</i> spp.	1090	plate	90 mm
Yersinia PSB Broth according to EN ISO 10273 For the selective cultivation of <i>Yersinia enterocolitica</i> .	3523	bottle	500, 200, 100 ml

1.2 CULTURE MEDIA ON MULTIPLATES

Bi-plates	Ref. No.	Packaging	Type
Buffered Charcoal Yeast Extract Agar (BCYE) / Buffered Charcoal Yeast Extract Agar (BCYE) with cysteine For the isolation of <i>Legionella</i> spp.	2067	plate	90 mm/2
CHROMagar VRE / CHROMagar KPC For the detection of antibiotic resistance mechanisms in bacteria.	2019	plate	90 mm/2
CHROMagar ESBL / CHROMagar VRE For the detection of antibiotic resistance mechanisms in bacteria.	2057	plate	90 mm/2
CHROMagar Listeria / CHROMagar StrepB For the isolation of <i>Streptococcus agalactiae</i> (GBS) and <i>Listeria</i> spp. from vaginal swabs.	2062	plate	90 mm/2
Columbia Agar with 5% sheep blood / Columbia Agar with 5% sheep blood For the cultivation of a wide variety of fastidious microorganisms.	2001	plate	90 mm/2
Columbia Agar with 5% sheep blood / Chocolate Agar For the cultivation of a wide variety of fastidious microorganisms.	2061	plate	90 mm/2
Columbia CNA (Colistin, Nalidixic Acid) Agar with 5% sheep blood / Chocolate Agar For the cultivation of a wide variety of fastidious microorganisms.	2052	plate	90 mm/2
Columbia CNA (Colistin, Nalidixic Acid) Agar with 5% sheep blood / Enterococcosel Agar For the isolation of Gram positive microorganisms.	2022	plate	90 mm/2
Columbia CNA (Colistin, Nalidixic Acid) Agar with 5% sheep blood / CHROMagar Orientation Agar For the isolation and enumeration of microorganisms in urine.	2044	plate	90 mm/2
Columbia CNA (Colistin, Nalidixic Acid) Agar with 5% sheep blood / Sabouraud Dextrose Chloramphenicol Gentamycin Agar For the isolation of Gram positive bacteria and yeasts from clinical samples.	2015	plate	90 mm/2
CHROMagar Mastitis For isolation and differentiation of the main involved in Mastitis infections.	2034	plate	90 mm/2
CHROMagar Salmonella Plus/Salmonella Shigella Agar For detection and isolation of <i>Salmonella</i> species including lactose positive <i>Salmonella</i> .	2134	plate	90 mm/2
MacConkey Agar with crystal violet / Blood Agar with 5% sheep blood For the isolation of microorganisms in urine.	2100	plate	90 mm/2
MacConkey Agar with crystal violet / CLED Agar (Cystine Lactose Electrolyte Deficient Agar) For the isolation of microorganisms in urine.	2070	plate	90 mm/2
MacConkey Agar with crystal violet / Columbia Agar with 5% sheep blood For the isolation of microorganisms in urine.	2040	plate	90 mm/2

Bi-plates	Ref. No.	Packaging	Type
MacConkey Agar with crystal violet / Columbia CNA (Colistin, Nalidixic Acid) Agar with 5% sheep blood For the isolation of microorganisms in urine.	2050	plate	90 mm/2
MacConkey Agar with crystal violet / Sabouraud Dextrose Chloramphenicol Gentamycin Agar For the isolation of Gram negative bacteria and yeasts.	2020	plate	90 mm/2
Sabouraud Dextrose Agar / CHROMagar Candida For the isolation of yeasts from vaginal swabs.	2030	plate	90 mm/2
Sabouraud Dextrose Chloramphenicol Agar / Fungisel Agar with phenol red For the isolation of dermatophytic fungi.	2017	plate	90 mm/2
Sabouraud Dextrose Agar / Sabouraud Dextrose Actidione Agar For the isolation of dermatophytic fungi and yeasts.	2051	plate	90 mm/2
Salmonella Shigella Agar / Hektoen Enteric Agar For the isolation and differentiation of enteric pathogens.	2014	plate	90 mm/2
Schaedler Agar with 5% sheep blood / Schaedler KanaVanco (Kanamycin, Vancomycin) Agar with 5% sheep blood For the isolation of Gram negative anaerobic microorganisms.	2021	plate	90 mm/2
Salmonella Shigella Agar / Xylose Lysine Deoxycholate Agar (XLD Agar) For the isolation and differentiation of enteric pathogens from faecal specimens.	2025	plate	90 mm/2

1.3 CULTURE MEDIA ACCORDING TO HARMONIZED METHOD EP/USP/JP

Culture media according to Harmonized Method EP/USP/JP	Ref. No.	Packaging	Volume
Buffered Sodium Chloride-Peptone Solution For the microbiological examination of non-sterile products.	9017	bottle	500, 200, 100 ml
Buffered Sodium Chloride-Peptone Solution and Tween 80 g/l For the microbiological examination of non-sterile products.	9019	bottle	500, 200, 100 ml
Cetrymide Agar For the selective isolation of <i>Pseudomonas aeruginosa</i> .	9001 9001	bottle plate	500, 200, 100 ml 90 mm
Columbia Agar For the cultivation of anaerobic microorganisms.	9002 9002	bottle plate	500, 200, 100 ml 90 mm
MacConkey Agar with crystal violet For the isolation of <i>Escherichia coli</i> .	9003 9003	bottle plate	500, 200, 100 ml 90 mm
MacConkey Broth For the selective enrichment of <i>Escherichia coli</i> .	9004 9004	bottle tube	500, 200, 100 ml 10 ml
Mannitol Salt Agar (MSA) For the isolation of <i>Staphylococcus aureus</i> .	9005 9005	bottle plate	500, 200, 100 ml 90 mm
Mossel Broth For the selective cultivation of <i>Enterobacteriaceae</i> .	9006 9006	bottle tube	500, 200, 100 ml 10 ml
Potato Dextrose Agar For the isolation of yeasts and molds.	9007 9007	bottle plate	500, 200, 100 ml 90 mm
R2 Agar For the isolation and enumeration of bacteria from water.	9018 9018	bottle plate	500, 200, 100 ml 90 mm
Reinforced Clostridial Medium (RCM) For the isolation of anaerobic microorganisms.	9008 9008	bottle tube	500, 200, 100 ml 10 ml
Rappaport-Vassiliadis (RSV) Broth For the selective isolation of <i>Salmonella</i> spp.	9009 9009	bottle tube	500, 200, 100 ml 10 ml
Sabouraud Dextrose Agar For the isolation and enumeration of fungi.	9010 9010	bottle plate	500, 200, 100 ml 90 mm
Sabouraud Dextrose Broth For the cultivation of fungi.	9011 9011	bottle tube	500, 200, 100 ml 10 ml
Tryptic Soy Agar (TSA) For the cultivation of a wide variety of microorganisms.	9012 9012	bottle plate	500, 200, 100 ml 90 mm
Tryptic Soy Broth (TSB) For the enrichment of a wide variety of microorganisms.	9013	bottle	500, 200, 100 ml
Violet Red Bile Glucose (VRBG) Agar For the isolation of <i>Enterobacteriaceae</i> .	9014 9014	bottle plate	500, 200, 100 ml 90 mm
Xylose Lysine Dextrose (XLD) Agar For the isolation of <i>Salmonella</i> spp. and <i>Shigella</i> spp.	9016 9016	bottle plate	500, 200, 100 ml 90 mm

1.4 CULTURE BROTHS FOR BLOOD AND CEREBROSPINAL FLUID (CSF)

Culture broths for blood and cerebrospinal fluid (CSF)	Ref. No.	Packaging	Volume
Culture broths for blood and cerebrospinal fluid allow isolation of microorganisms and secure the drawn samples for further diagnostic procedures.			
Anaeromedium For the cultivation of anaerobic bacteria from blood.	5004	vial	50 ml
	5005	vial	15 ml
	5006	vial	5 ml
Hemomedium For the cultivation of aerobic bacteria from blood.	5001	vial	50 ml
	5002	vial	15 ml
	5003	vial	5 ml
Meningomedium For the cultivation of microorganisms from cerebrospinal fluid.	5009	vial	50 ml
	5008	vial	15 ml
	5007	vial	5 ml

1.5 TRANSPORT AND GROWTH MEDIA (DIPSLIDE)

Transport and growth media (dipslide)	Ref. No.	Packaging
MYCAGAR (Fungisel Agar / Sabouraud Dextrose Chloramphenicol Agar) For the isolation of fungi.	7050	10 slides
URAGAR (CLED Agar / MacConkey Agar with crystal violet) For the isolation and differentiation of bacteria from urine.	7040	10 slides
Violet Red Bile Glucose Agar (VRBG) / Plate Count Agar (PCA) For the detection of <i>Enterobacteriaceae</i> on surfaces and in liquids.	7031	10 slides
Tryptic Soy Agar (TSA) with TTC / Rose Bengal Agar For the detection of yeasts and molds on surfaces and in liquids.	7032	10 slides

1.6 BUFFERS

Buffers	Ref. No.	Packaging	Volume
0,9% NaCl Solution For the preparation of microbial suspensions.	3565	bottle	500, 200, 100 ml
	6149	tube	5 ml
Buffered NaCl Solution with Tween 80 (pH 7,0) For the preparation of microbial suspensions.	3142	bottle	500, 200, 100 ml
	6318	tube	9 ml
Buffered NaCl Peptone Solution (pH 7,0) For the preparation of microbial suspensions.	3028	bottle	500, 200, 100 ml
	6317	tube	9 ml
Buffered 0,85% NaCl Solution For the preparation of microbial suspensions.	3074	bottle	500, 200, 100 ml
	6316	tube	9 ml
Buffered 0,85% NaCl Peptone Solution For the preparation of microbial suspensions.	3166	bottle	500, 200, 100 ml
	6179	tube	9 ml
Buffered 0,9% NaCl Solution For the preparation of microbial suspensions.	3167	bottle	500, 200, 100 ml
	6321	tube	9 ml

1.7 BLOOD AND SERUM

Blood and serum	Ref. No.	Packaging	Volume
Defibrinated sheep blood	1000	bottle	500, 200, 100 ml
Defibrinated horse blood	1002	bottle	500, 200, 100 ml
Horse serum	1004	bottle	500, 200, 100 ml

1.8 REAGENTS

Reagents	Ref. No.	Packaging	Volume
2% sodium deoxycholate For the detection of <i>Streptococcus pneumoniae</i> .	6152	tube	2 ml
10% FeCl₃ Reagent for the Phenylalanine Agar.	3134	bottle	100 ml
Catalase reagent For the presumptive identification and differentiation of many bacteria.	3155	bottle	30 ml
Ehrlich's reagent For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of indole production.	3130	bottle	500, 200, 100 ml
EDTA For the detection of MBL strains.	3052 6155	bottle tube	100 ml 2 ml
KOH 10% Reagent for the culture media.	3548	bottle	100 ml
Kovac's reagent For the biochemical differentiation of <i>Enterobacteriaceae</i> on the basis of indole production.	3135	bottle	500, 200, 100 ml
Phenylboronic acid For the detection of KPC strains.	6153	tube	2 ml
Ringer's tablets For the preparation of suspensions of food samples and for use as a diluent in dilution techniques for bacterial enumeration.	100Z	packaging	10 pcs
Ringer's solution For the preparation of suspensions of food samples and for use as a diluent in dilution techniques for bacterial enumeration.	3203	bottle	500, 200, 100 ml



IMPORTANT INFORMATION

Media in bottles

**Available in packages:**

- bottle 100 ml, 10 pcs in a package
- bottle 200 ml, 10 pcs in a package
- bottle 500 ml, 6 pcs in a package

**Storage and expiration date**

Most bottled media should be stored at temperature of 6 - 25°C. Expiration date for bottled media: 12 months from the date of production.

Attention! Use all the contents of the bottle once opened. Do not store the opened bottle!

Preparation of bottled media for pouring onto Petri dishes

Ready bottled agar media may be melted in Koch apparatus at ca. 80°C, or in a microwave. If you are using a microwave:

1. Place the bottle filled with medium in a center of microwave.
2. Choose short time - usually 5 -10 seconds (depending on the volume of medium).
3. Remove cautiously the slightly warmed bottle from the microwave and gently untight the cap to even out the pressure.
4. Replace the bottle in a microwave and select the time (ca. 30 to 60 seconds). By that time most media will melt. If necessary, repeat the procedure for a dozen or so seconds, until melted. If you can see pieces of unmelted agar, just leave the bottle in a room temperature, it will melt completely by itself. The warmed medium should be gradually cooled, until it reaches the optimum temperature for pouring (ca. 45 – 50°C). Do not cool it rapidly.

According to the EN ISO 7218: 2007 "Microbiology of the food and animal feeding stuffs. General requirements and guidance for microbiological examinations" it is acceptable to melt culture media by means other than Koch apparatus, including microwaves.

Media in tubes

**Available in packages:** 50 tubes

Media in tubes either as broths or as agar slopes.

**Storage and expiration date**

Media in tubes should be stored at temperature of 6 - 25°C. Expiration date for most media in tubes: 12 months from the date of production.

**Limitations regarding expiration date**

The following media have a 6-months expiration period: Selenite F Broth, Fraser and Semi Fraser Broth, Mueller Kauffmann with novobiocin and tetrathionate, Medium with 10% lactose, Rappaport-Vassiliadis Broth, Sabouard Dextrose Agar with benzylpenicillin and tetracycline, Wilson Blair Agar, Peptone water with lactose.

Media on Petri dishes

**Available sizes of dishes and packages**

- Ø 90 mm, plates, biplates and triplates; 10 pcs in a package
- Ø 55, 120 i 150 mm; 5 pcs in a package
- Count-tact plates 10 pcs in a package

**Storage and expiration date**

Storage temperature for ready to use media on Petri dishes: 2 - 12°C. Expiration date: usually 3 months from the date of production.

**Limitations - expiration period**

Blood-containing media and some media containing antibiotics - 45-55 days.

MRSA Agar – 30 days.

Bismuth Sulphite Agar – 21 days.

Attention: Following media: Endo Agar, Endo Les Agar, Bismuth Sulphite Agar and chromogenic media are particularly sensitive to light!

Dip-slides – plastic strips covered on each side with a transport and culture medium.

Available in packages: 10 vials

**Storage and expiration date**

Storage temperature: 6 - 25°C, Expiration date: 6 to 9 months from the date of production, depending on the product.

Culture broths for blood and cerebrospinal fluid

Available in packages: 5, 15 i 50 ml vials

**Storage and expiration date**

Storage temperature: 6 - 25°C. Expiration date: 12 months from the date of production.

Blood and serum**Available in packages**

Defibrinated blood and serum are offered in volumes of 100, 200 ml.

**Storage and expiration date**

Blood: Storage temperature 2 - 8°C. Expiration date: 21 days from the date of production

Equine serum should be stored frozen for maximum one year.

Attention: All the content of the bottle should be used immediately after opening!



Yersinia CIN Agar Ref. No, 1090
Yersinia enterocolitica



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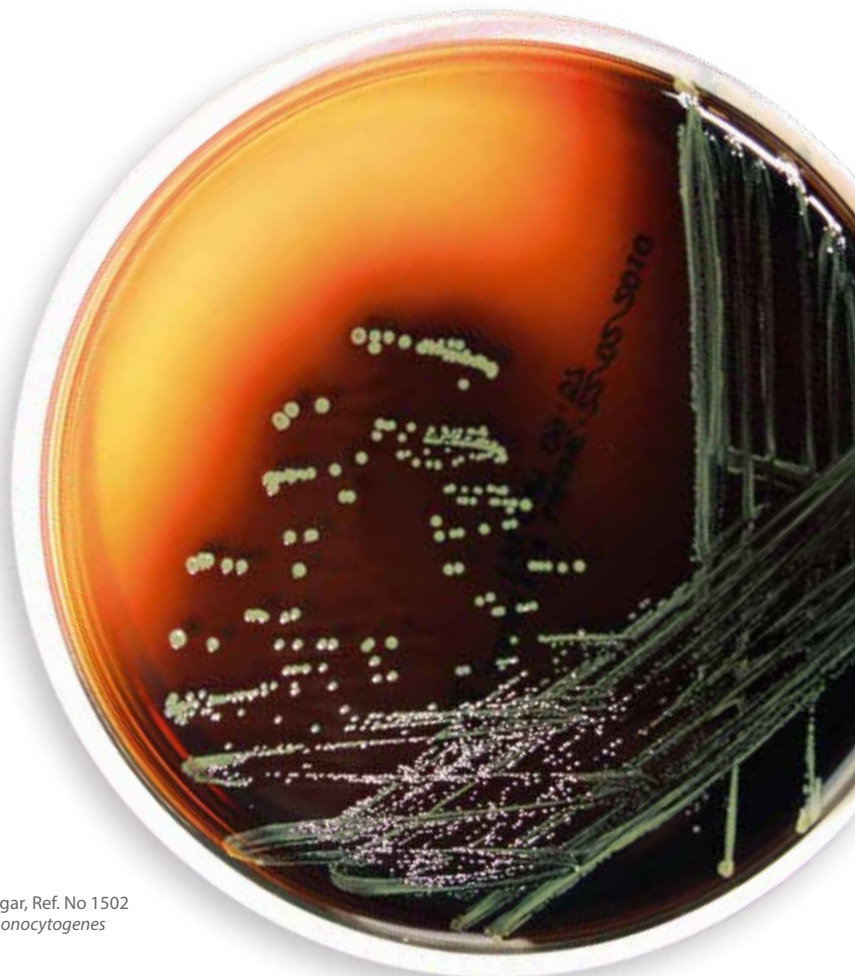
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Palcam Agar, Ref. No 1502
Listeria monocytogenes

A large, stylized graphic in shades of red and orange. It features a central spiral shape that resembles a DNA helix or a plant stem, with several teardrop-shaped leaves branching out from it. The background is a solid, vibrant red.

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