



# Microbial Culture Media & Related Products

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2022 Products Brief List

## Peptones & Extracts

Peptone & Extract	Application	Cat. No.
Agar Bacteriological	A solidifying agent for use in preparing microbiological culture media.	i23006
Bile Salts	Selective inhibitor in microbial culture media	i23019
Casein, Acid Hydrolysate	For preparation of microbial culture media, vaccine production, industrial fermentation processes using yeast and fastidious species of bacillus.	i23037
Malt Extract	For preparation of yeasts and molds culture media.	i23506
Meat Extract	For preparation of microbial culture media and industrial production of antibiotics and enzymes.	i23639
Peptone from Casein (Tryptone)	For preparation of microbial culture media, especially for fastidious bacteria, molds, and microbial vaccine production.	i23036
Peptone from Gelatin	For Preparation of Microbial culture media	i23650
Peptone from Meat (peptic digested)	For preparation of microbial culture media and fermentation processes.	i23136
Peptone from Soymeal (papaic digest)	For preparation of microbial culture media and cell culture.	i23133
Yeast Extract	For preparation of microbial culture media.	i23645

## Microbial Culture Media

Microbial Culture Media	Application	Cat. No.
A 1 Medium	A-1 Medium is used for detecting fecal <i>coliforms</i> in water.	i23002
AC Agar	AC Agar is recommended for cultivation of wide variety of microorganisms particularly for sterility testing.	i23498
AC Broth	AC Broth is used for cultivating a wide variety of microorganisms and for the sterility testing of turbid or viscous solutions and other materials not containing mercurial preservatives.	i23285
Acid broth	Used for the detection of acid-tolerant microorganisms in canned foods.	i23711
Agar Bacteriological - Agar Agar	Agar, Bacteriological is a solidifying agent for use in preparing microbiological culture media.	i23006
Alkaline Peptone Water	Alkaline Peptone Water is an enrichment medium used for the cultivation of <i>Vibrio</i> species from feces and other infected materials.	i23547
Alkaline Saline Peptone Water	ASPW is a broth medium for the enrichment of <i>Vibrio</i> species from food and water samples; this formulation conforms to ISO/TS 21872-1&2:2007.	i23660
Amies Transport Media	Used for collecting, transporting, and preserving microbiological specimens.	i23289
Antibiotic Medium No. 1 (Penassay Seed Agar, Grove and Randall Antibiotic Agar1)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23291
Antibiotic Medium No.2 (Penassay Base Agar)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23292
Antibiotic Medium No.3 (Penassay Broth)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23293
Antibiotic Medium 10 (Polymyxin Seed Agar)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23294
Antibiotic Medium 11 (Neomycin Assay Agar)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23295
Antibiotic Medium 9 (Polymyxin Base Agar)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23302
Antibiotic Medium No. 12	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23296
Antibiotic Medium No. 13 (SABOURAUD-2 % Dextrose Broth)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23297
Antibiotic Medium No. 19	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23298
Antibiotic Medium No. 4 (Yeast Beef Agar)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23299
Antibiotic Medium No. 5 (Streptomycin Assay)	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23300
Antibiotic Medium No. 8	Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique.	i23301
APT Agar	APT Agar is used for cultivating heterofermentative <i>Lactobacilli</i> and other organisms requiring high thiamine content.	i23008
APT Broth	APT Broth is used for culturing <i>Weissella viridescens</i> ATCC 12706 used in the assay of thiamine. It is also used for cultivating heterofermentative <i>Lactobacilli</i> and other organisms requiring high thiamine content.	i23009
Arginine Broth acc. to SCHUBERT; Arginine Brilliant-green Glucose Peptone Broth (ABGP Medium)	A primary culture media for <i>Pseudomonas aeruginosa</i> .	i23175
Arginine Decarboxylase Broth	Dehydrated medium used for differentiation of gram-negative enteric <i>Bacillus</i> based on arginine decarboxylation.	i23218
Arginine Dihydrolase Broth	For detection of arginine dihydrolase producing microorganisms.	i23265
Asparagine Broth	For the presumptive identification and enumeration (MPN) of <i>Pseudomonas aeruginosa</i> .	i23269
Asparagine Proline Broth	For the cultivation of <i>Pseudomonas aeruginosa</i> using membrane filter technique.	i23508
Azide Dextrose Agar - ADA	A selective medium for the quantification of <i>Enterococci</i> in water, food and other materials.	i23629
Azide Dextrose Broth - ADB	Azide Dextrose Broth is used as a preliminary test for <i>Enterococci</i> and for their selective enrichment.	i23010
Bacillus Cereus Agar Base	Bacillus Cereus Agar Base is used with Polymyxin B and Egg Yolk Emulsion for the isolation and presumptive identification of <i>Bacillus cereus</i> .	i23011

Microbial Culture Media	Application	Cat. No.
Baird Parker Agar Base	For the isolation and enumeration of <i>Staphylococcus aureus</i> in foods and pharmaceutical materials.	i23013
Baird Staphylococcus Enrichment Broth Base	Baird Staphylococcus Enrichment Broth Base is recommended for selective enrichment of pathogenic <i>Staphylococci</i> .	i23304
BAT Medium; BAT Agar	for the detection and isolation of <i>Alicyclobacillus</i> , in fruit juices and other acidic food, according to IFU Standard Method No.12. For detection of the species <i>A. acidoterrestris</i> recommend using the K Agar medium.	i23240
BCYE Agar Base; Buffered Charcoal Yeast Extract Agar	BCYE (Buffered Charcoal Yeast Extract) Agar is used for the growth and isolation of <i>Legionella</i> spp.	i23014
Beef Extract Agar	Used as a general-purpose nutrient medium which can support growth of not particularly fastidious bacteria.	i23465
Beef Extract Powder	Dehydrated extract of bovine tissue for use in preparing microbiological culture media.	i23015
BG Sulfa Agar; Brilliant Green Sulfa Agar; Brilliant Green Agar with Sulfadiazine	BG Sulfa Agar is used for isolating Salmonella. SBG Sulfa Enrichment is used for enriching <i>Salmonella</i> prior to isolation procedures.	i23306
BG11-Broth	BG11 Broth (Blue Green Medium) is a universal medium for the culture and maintenance of cyanobacteria (blue green algae). Used for studies of the photosystems, as well as to identify the primary targets of the photo process.	i23535
Bifidobacterium Agar	For the cultivation of <i>Bifidobacterium</i> spp.	i23207
Bifidobacterium Broth	Bifidobacterium Broth is used for the cultivation of <i>Bifidobacterium infantis</i> .	i23208
Bile Esculin Agar	Bile Esculin Agar is used to differentiate <i>enterococci</i> and the <i>Streptococcus bovis</i> group from other <i>streptococci</i> .	i23018
Bile Esculin Azide Agar	Bile Esculin Azide Agar is used for the rapid, selective detection and enumeration of <i>enterococci</i> .	i23017
Bile Peptone Transport Medium	Bile Peptone Transport Medium is employed for the safe collection, transport, and preservation of <i>cholera</i> organisms.	i23308
Bile Salts Mixture #3	Recommended for use in microbiological culture media for selective isolation and cultivation of bile tolerant enteric bacteria.	i23019
Blood Agar Base	For preparing blood plates and boiled blood plates used for the isolation and cultivation of various fastidious microorganisms, especially of pathogenic species, and for establishing their forms of hemolysis.	i23020
Blood Agar Base No. 2	Blood Agar Base No.2 is used with blood for isolation and cultivation of various fastidious microorganisms.	i23467
Bolton Selective Enrichment Broth (Base)	Used for the selective enrichment of <i>Campylobacter</i> from foods.	i23468
BPLS Agar; Brilliant-green Phenol-red Lactose Sucrose Agar	A selective culture medium for the isolation of <i>Salmonella</i> with the exception of <i>S. typhosa</i> and <i>Shigella</i> from pathological material, faeces, urine and foodstuffs.	i23470
Brain Heart Infusion Agar (BHI A)	A solid medium which contains the highly nutritious infusions recommended for the cultivation of fastidious organisms.	i23022
Brain Heart Infusion Broth (BHI B)	Brain-Heart Infusion Broth is used for the cultivation of a wide variety of fastidious organisms.	i23023
Brilliant Green Agar; BGA	Brilliant Green Agar is a highly selective medium for the isolation of Salmonella other than <i>S. typhi</i> from feces and other materials.	i23311
Brilliant Green Bile Agar; BGBA	Brilliant Green Bile Agar is used for isolating, differentiating, and enumerating <i>coliform</i> bacteria.	i23024
Brilliant Green Bile Broth 2% _ BGBB_ BRILA Broth_ Brilliant Green Bile Lactose Broth (bgblb)	For the detection of <i>coliform</i> organisms in foods, dairy products, water, and wastewater, as well as in other materials of sanitary importance.	i23025
BROLAC Agar; Bromothymol-blue Lactose Agar	Used for the detection and isolation of pathogenic <i>Staphylococci</i> .	i23473
Bromocresol Purple Azide Broth	For confirming the presence of <i>enterococci</i> , particularly in the bacteriological analysis of water acc. to Hajna and Perry (1943).	i23312
Brucella Agar	Brucella Agar is a culture medium for the cultivation of <i>Brucella</i> organisms.	i23026
Brucella Broth	Brucella Broth is used for the cultivation of <i>Brucella</i> species and for the isolation and cultivation of a wide variety of fastidious and nonfastidious microorganism.	i23027
Buffered Listeria Enrichment Broth Base	Used as an enrichment broth for the cultivation of <i>Listeria</i> spp. from food according to FDA.	i23028
Buffered Listeria Enrichment Broth Base acc. to FDA/BAM 1995	Used as an enrichment broth for the cultivation of <i>Listeria</i> spp. from food according to FDA.	i23475
Buffered glycerol saline base	Buffered Glycerol Saline Base with added glycerol is used in the collection and transportation of faecal specimens.	i23654

Microbial Culture Media	Application	Cat. No.
Buffered Peptone Water (ISO) - BPW	For the preliminary, non-selective enrichment of bacteria, particularly pathogenic <i>Enterobacteriaceae</i> , from foodstuffs and other materials.	i23029
Bushnell-Haas Agar	Recommended for the examination of fuels for microbial contamination and for studying hydrocarbon degradation by microorganisms.	i23622
Bushnell-Haas Broth	Bushnell-Haas Broth is used for studying microbial utilization of hydrocarbons.	i23031
Campy Agar Base, Campylobacter Agar Base	Bushnell Haas Agar is recommended for the examination of fuels for microbial contamination and for studying hydrocarbon deterioration by microorganisms.	i23032
Campy CVA Agar	Campylobacter Agar Base, when supplemented with blood or other additives and antimicrobial agents, is used for the primary isolation and cultivation of <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> from human fecal specimens.	i23034
Campylobacter Agar, Skirrow's, Skirrow's Campylobacter Agar	When supplemented with blood or other additives and antimicrobial agents, is used for the isolation of <i>Campylobacter</i> from clinical material in human and veterinary medicine, and from contaminated foodstuffs, water etc.	i23211
Campylobacter Blood-Free Selective Agar Base; Modified CCDA	Used for the isolation of <i>Campylobacter</i> species.	i23477
Campylobacter Enrichment Broth Base (Preston)	For the isolation and enrichment of <i>Campylobacter</i> species from foods.	i23035
Cary and Blair Transport Medium	Semisolid medium for collection, transport, and preservation of microorganisms.	i23282
Casein, Acid Hydrolysate	Acid hydrolyzed casein is used in preparing microbiological culture media.	i23037
CCDA (for Campylobacter)	Used for the isolation of <i>Campylobacter</i> species.	i23038
Cetrimide (Pseudose) Agar Base	Cetrimide Agar is used for the selective isolation and identification of <i>Pseudomonas aeruginosa</i> .	i23040
Charcoal Agar	Charcoal Agar is used for cultivating fastidious organisms, especially <i>Bordetella pertussis</i> , for vaccine production and stock culture maintenance.	i23041
Chocolate Agar Base	A non-selective medium for the isolation and cultivation of many pathogenic and non-pathogenic microorganisms like <i>Neisseria</i> , <i>Streptococci</i> , etc.	i23042
Chocolate II Agar Base	Chocolate II Agar is an improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially <i>Neisseria</i> and <i>Haemophilus</i> species, from a variety of clinical specimens.	i23043
CIN Agar, Yersinia Selective Agar Base; CefsulodinIrgasan® Novobiocin Agar Base	For the selective cultivation of <i>Yersinia</i> , particularly <i>Y. enterocolitica</i> and <i>Y. pseudotuberculosis</i> , from clinical specimens, foodstuffs, water etc.	i23044
CLED Agar: BROLACIN Agar; Bromothymol-blue Lactose Cystine Agar	CLED Agar is used for the isolation, enumeration, and presumptive identification of microorganisms from urine.	i23316
Clostridium Difficile Agar (CCFA)	Cycloserine Cefoxitin Fructose Agar Base (CCFA) is used with blood, Cycloserine, and Cefoxitin for the isolation of <i>Clostridium difficile</i> .	i23075
Clostridium Selective Agar	Clostridium difficile Selective Agar (CDSA) is recommended as a selective and differential medium for the primary isolation of <i>Clostridium difficile</i> from fecal specimens.	i23606
Columbia Agar Base	Columbia Agar Base is used with blood agar for the isolation and cultivation of a wide variety of fastidious microorganisms.	i23045
Columbia Blood Agar Base	Columbia Agar Base, with or without the addition of 5% (or 10%) sheep blood, is a highly nutritious, general-purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials.	i23046
Columbia Broth	Columbia Broth is used for cultivating fastidious microorganisms.	i23047
Columbia CNA Agar; Columbia Colistin Nalidixic Acid Agar	Columbia CAN Agar, supplemented with 5% sheep blood, is a selective and differential medium used for the isolation and differentiation of gram-positive microorganisms from clinical and nonclinical materials.	i23048
Cooked Meat Medium	Cooked Meat Medium is used for the cultivation of anaerobes, especially pathogenic <i>clostridia</i> .	i23049
Corn Meal Agar	Used in qualitative procedures as a general purpose medium for cultivation of <i>fungi</i> and also for chlamydospore production by <i>Candida albicans</i> and for the maintenance of fungal stock cultures.	i23050
CTA Agar	Cystine Tryptic Agar and CTA Medium (Cystine Trypticase™ Agar Medium) are for the maintenance of microorganisms, as well as for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms, i.e., <i>Neisseria</i> , <i>pneumococci</i> , <i>streptococci</i> , and nonperforming anaerobes.	i23319
CTA medium, Cystine Tryptic Agar	Cystine Tryptic Agar and CTA Medium (Cystine Trypticase™ Agar Medium) are for the maintenance of microorganisms, as well as for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms, i.e., <i>Neisseria</i> , <i>pneumococci</i> , <i>streptococci</i> , and nonperforming anaerobes.	i23320
Cystine Heart Agar	Cystine Heart Agar is used with hemoglobin for cultivating <i>Francisella tularensis</i> and without enrichment for cultivating gram-negative cocci and other microorganisms.	i23321

Microbial Culture Media	Application	Cat. No.
Czapek-Dox Agar	Czapek Dox Agar is used for cultivating fungi and bacteria capable of using inorganic nitrogen.	i23237
Czapek-Dox Broth	Czapek-Dox Broth and Czapek Solution Agar are used for cultivating fungi and bacteria capable of using inorganic nitrogen.	i23238
D/E Neutralizing Agar	D/E (Dey/Engley) Neutralizing Agar has the ability to neutralize antimicrobial chemicals and is used for environmental sampling for the detection and enumeration of microorganisms present on surfaces of sanitary importance.	i23051
D/E Neutralizing Broth	D/E Neutralizing Broth is for the neutralization and testing of antiseptics and disinfectants according to the procedure of Engley and Dey.	i23052
DCLS Agar; Desoxycholate Citrate Lactose Sucrose Agar	DCLS Agar (Desoxycholate Citrate Lactose Sucrose Agar) is a moderately selective culture medium for the isolation of <i>Salmonella</i> and <i>Shigella</i> from fecal specimens.	i23223
Decarboxylase Broth Base, Moeller	Decarboxylase media are used in the biochemical differentiation of gram-negative enteric <i>bacilli</i> based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.	i23216
Demi-Fraser Broth; Half Fraser Broth	Demi-Fraser Broth Base is used with Fraser Broth Supplement in selectively and differentially enriching <i>Listeria</i> from foods.	i23231
DEV Gelatin Agar	Gelatin DEV Agar is used for determining the total microbial count and detecting gelatin-liquefying microorganisms in water.	i23483
DEV Glutamate Broth	For selective enrichment and determining the titre of <i>coliform</i> bacteria in the bacteriological analysis of water.	i23484
DEV Nutrient Agar	For determining the total microbial count in water according to the German Standard Methods, the German Drinking Water Regulations and the German regulation for food examination.	i23485
DEV Tryptophan Broth	This culture medium is intended for growing intermediate cultures in the differentiation of <i>coliform</i> bacteria when carrying out the bacteriological analysis of water.	i23486
Dextrose Tryptone Agar - DTA	Dextrose Tryptone Agar is used for cultivating thermophilic "flat-sour" microorganisms associated with food spoilage.	i23054
Dextrose Tryptone Broth - DTB	Used for the bacteriological examination of canned foods, etc.	i23055
Dextrose Agar	Dextrose Agar is used for cultivating a wide variety of microorganisms with or without added blood.	i23325
Dextrose Broth	Dextrose Broth is used for cultivating fastidious microorganisms and for detecting gas from enteric <i>bacilli</i> .	i23326
Dextrose Casein Peptone Agar	Medium proposed by WILLIAMS (1936) for the identification and enumeration of <i>Bacillus</i> species, especially of "flat sour" bacteria (TANNER 1944), in foodstuffs.	i23527
Dextrose Starch Agar	Dextrose Starch Agar is used for cultivating pure cultures of <i>Neisseria gonorrhoeae</i> and other fastidious microorganisms.	i23327
Dextrose Tryptone Broth	Used for the bacteriological examination of canned foods, etc.	i23055
DG18 (Dichloran Glycerol) Agar Base	For the enumeration and isolation of xerophilic molds in dried and semidried foods as well as a general purpose medium for counting yeast and molds in foodstuffs.	i23056
Differential Clostridial Agar (DCA) acc. to WEENK	Differential clostridial agar (DCA) is developed for the enumeration of spores of sulfite reducing <i>clostridia</i> in dried foods.	i23489
Differential Reinforced Clostridial Agar	Differential Reinforced Clostridial Agar is used for enumerating and cultivating sulfite-reducing <i>clostridia</i> .	i23330
Differential Reinforced Clostridial Medium (DRCM)	Differential Reinforced Clostridial Medium (broth) was developed by Gibbs and Freame in 1965.1 The medium could be used to enumerate <i>clostridia</i> in foods using the Most Probable Number (MPN) method.	i23666
Dixon's Agar, Modified	For primary isolation and cultivation of <i>Malassezia furfur</i> .	i23284
DNase Test Agar	For detecting microbial DNase (deoxyribonuclease) and for identifying microorganisms, especially DNase-positive <i>staphylococci</i> .	i23057
DRBC Agar; Dichloran Rose Bengal Chloramphenicol Agar	DRBC Agar is used for the enumeration and isolation of xerophilic molds from dried and semidried foods.	i23058
EC Medium, Modified; mEC Broth	EC Medium, Modified with Novobiocin is used for the selective enrichment of <i>Escherichia coli</i> O157:H7 in a laboratory setting.	i23239
EC Medium/Broth	For the detection of <i>coliform</i> bacteria at 35°C and of <i>Escherichia coli</i> at an elevated temperature (44.5 or 45.5°C).	i23061
EC Medium/Broth with MUG	EC Medium with MUG is used for detecting <i>Escherichia coli</i> in water, food, and milk.	i23062
EE Broth, Mossel; Enterobacteriaceae Enrichment Broth, Mossel, Buffered Brilliant Green Bile Glucose Broth	For the selective enrichment and detection of <i>Enterobacteriaceae</i> , particularly from food and other materials.	i23063
Egg Yolk Agar Base, Modified	Egg Yolk Agar, modified is a differential medium used in the isolation and presumptive differentiation of <i>Clostridium</i> spp. And other obligately anaerobic <i>bacilli</i> .	i23064

Microbial Culture Media	Application	Cat. No.
Elliker Broth	Elliker Broth, also known as Lactobacilli Broth, is used for cultivating <i>streptococci</i> and <i>lactobacilli</i> , particularly in dairy procedures.	i23233
Endo Agar	Endo Agar is a differential and slightly selective culture medium for the detection of <i>coliform</i> and other enteric microorganisms.	i23264
Enteric Fermentation Base	Enteric Fermentation Base is used with added carbohydrate and indicator for differentiating microorganisms based on fermentation reactions.	i23333
Enterococcosel Agar	Enterococcosel Agar, a Bile Esculin Agar with Azide, is used for the rapid, selective detection and enumeration of <i>enterococci</i> .	i23067
Enterococcosel Broth	Enterococcosel Broth, a Bile Esculin Broth with Azide, is recommended for use in the differentiation of <i>enterococci</i> and group D <i>streptococci</i> .	i23334
EMB Agar, Levine, Eosin Methylene Blue Agar, Levine	EMB Agar, Levine, is a slightly selective and differential plating medium for the isolation of gram-negative enteric bacteria.	i23068
Esculin Iron Agar	For the enumeration of <i>Enterococci</i> in water by membrane filtration technique, based on Esculin hydrolysis.	i23335
Eugon Agar	A general-purpose medium used for cultivating a wide variety of microorganisms.	i23336
Eugon Broth	A general-purpose medium used for cultivating a wide variety of microorganisms.	i23337
Eugon LT 100 Agar	For the detection and enumeration of aerobic mesophilic bacteria in cosmetic products.	i23800
Eugon LT 100 Broth	For the enrichment of aerobic bacteria including <i>E. coli</i> , in cosmetic products with and without preservatives according to ISO standards.	i23545
EMB Broth	EMB Broth (Eosin Methylene Blue Broth) is recommended for the differentiation of gram-negative bacteria from clinical and nonclinical specimens.	i23780
Fermentation Medium for Staphylococcus and Micrococcus	Fermentation Medium for <i>Staphylococcus</i> and <i>Micrococcus</i> is used for studying fermentation by <i>staphylococcus</i> and <i>Micrococcus</i> species.	i23340
Fletcher Medium Base	Fletcher's Medium is an enriched, semisolid medium used for the cultivation of <i>Leptospira</i> .	i23341
Fluid Tetrathionate Medium w/o Iodine and BG; Tetrathionate Broth Base w/o Iodine and BG (FTM)	Fluid Tetrathionate Medium with added iodine and brilliant green is recommended for the selective enrichment method for isolating <i>Salmonellae</i> from faeces, urine, food, and other material of sanitary importance.	i23342
Fluid Thioglycollate Medium	For cultivation and isolation of obligate and facultative anaerobic and microaerophilic bacteria and for sterility tests.	i23343
Fluid Thioglycollate Medium with Beef Extract	Fluid Thioglycollate Medium with Beef Extract is used for sterility testing of biologicals and for cultivation of aerobic and anaerobic organisms.	i23344
Fraser Listeria Selective Enrichment Broth (Base)	Used as a secondary selective diagnostic enrichment medium for the isolation of <i>Listeria</i> spp.	i23274
GC Medium Base	Used, with added blood or haemoglobin and other supplements, for selective isolation and cultivation of <i>Gonococci</i> .	i23070
Gelatin Medium	Gelatin Medium (also called Nutrient Gelatin) is used in qualitative procedures to determine the ability of an organism to liquefy gelatin.	i23655
Giolitti Cantoni Broth Base	Giolitti-Cantoni Broth Base is used for enriching <i>Staphylococcus aureus</i> from foods during isolation procedures.	i23234
Glucose Agar	Glucose Agar (Glucose Bromocresol Purple Agar) is used for isolation and enumeration of <i>Enterobacteriaceae</i> and <i>Bacillus cereus</i> . It is according to ISO 21528-1: 2004.	i23071
Glucose Bromocresol Purple Agar, Tryptone Yeast Extract Agar with Bromocresol Purple	Used for isolation and enumeration of <i>Enterobacteriaceae</i> and <i>Bacillus cereus</i> .	i23522
Glucose Yeast Extract Agar	Glucose Yeast Extract Agar (GYEA) is a medium used for the identification of mesophilic and thermophilic aerobic bacteria in food and other materials by promoting sporulation. This medium complies with the recommendations of UNE-EN-13704 standard for the evaluation of sporicidal activity of chemical disinfectants.	i23200
Glucose Yeast Extract Peptone (GYEP) Agar	Glucose Yeast Peptone Agar is formulated as described by Subba Rao with a slight modification in agar concentration for isolating yeasts from soil specimens. This is a highly nutritious medium, which may be used not only for isolating yeasts but also for isolating some fastidious microorganisms.	i23632
Glucose Yeast Extract Peptone (GYEP) Broth	Peptone Yeast Glucose (PYG) Broth is a liquid medium recommended for use in qualitative procedures to determine the fermentation reactions and metabolic end products of anaerobic bacteria. Anaerobic infections can involve virtually any organ in the body when appropriate conditions exist.	i23634
GN Broth, Hajna	For the selective cultivation of Gram-negative intestinal bacteria (especially of <i>Shigella</i> ) from all types of materials.	i23347
Hanahan's Broth: SOB Medium	SOB Medium is used for cultivating recombinant strains of <i>Escherichia coli</i> .	i23348
Heart Infusion Agar	Heart Infusion Agar is a general-purpose medium used in the cultivation of a wide range of microorganisms from a variety of clinical and nonclinical specimens.	i23350



# Microbial Culture Media

Microbial Culture Media	Application	Cat. No.
Heart Infusion Broth	Heart Infusion Broth is used for cultivating fastidious microorganisms.	i23351
Hektoen Enteric Agar	Hektoen Enteric (HE) Agar is a moderately selective medium used in qualitative procedures for the isolation and cultivation of gram-negative enteric microorganisms, especially <i>Shigella</i> , from a variety of clinical and nonclinical specimens.	i23072
Helicobacter pylori Selective Medium Base	This medium is recommended for detection of <i>Helicobacter pylori</i> in clinical specimens.	i23073
Indole Nitrite Medium; Trypticase Nitrate Broth)	Indole Nitrite Medium is used for the identification of microorganisms by means of the nitrate reduction and indole tests.	i23352
ISP Medium 1	Used for characterizing <i>Streptomyces</i> species according to the International <i>Streptomyces</i> Project (ISP).	i23354
ISP Medium 2	Used for characterizing <i>Streptomyces</i> species according to the International <i>Streptomyces</i> Project (ISP).	i23355
ISP Medium 3	Used for characterizing <i>Streptomyces</i> species according to the International <i>Streptomyces</i> Project (ISP).	i23659
ISP Medium 4	ISP Medium 4 is used for characterizing <i>Streptomyces</i> species according to the International <i>Streptomyces</i> Project (ISP).	i23356
ITC Broth Base	For selective enrichment and enumeration of <i>Yersinia enterocolitica</i> . It is recommended by ISO Committee under the specification ISO 10273:2003.	i23512
ichrom Coliform Agar	iChrom Coliform Agar is a fast, accurate, and efficient way to detect <i>coliforms</i> and <i>E. coli</i> during microbiological quality testing of drinking water, disinfected pool water, and treatment plant samples.	i23543
Kanamycin Esculin Azide Agar	Kanamycin Esculin Azide Agar is a selective isolation and enumeration medium for enterococci (Lancefield group D streptococci) in food and is not intended for use in the diagnosis of disease or other conditions in humans.	i23501
KF Streptococcus Agar	Used with TTC Solution 1% for isolation and enumeration of fecal <i>streptococci</i> .	i23235
KF Streptococcus Broth	KF Streptococcus Broth is used for isolating fecal <i>streptococci</i> .	i23357
King Agar A; Pseudomonas Agar P; Tech Agar; Pseudomonas Agar for Pyocyanin	Pseudomonas Agar P, also known as Tech Agar, is used for the enhancement of pyocyanin production by <i>Pseudomonas</i> .	i23243
King Agar B; Pseudomonas Agar F; Flo Agar; Pseudomonas Agar for Fluorescein	Pseudomonas Agar F, also known as Flo Agar, is used for the enhancement of fluorescein production.	i23242
Kligler Iron Agar	Kligler Iron Agar is used for the differentiation of members of the <i>Enterobacteriaceae</i> on the basis of their ability to ferment dextrose and lactose and to liberate sulfides.	i23224
Koser Citrate Medium	Koser Citrate Medium is used for differentiating <i>Escherichia coli</i> from <i>Enterobacter aerogenes</i> based on citrate utilization.	i23358
Lactose Broth- (LB)	For detection of the presence of coliform organisms, as a pre-enrichment broth for <i>salmonella</i> and in the study of lactose fermentation of bacteria in general.	i23074
Lactose Sulfite Broth	for the determination of H <sub>2</sub> S production by <i>Clostridium perfringens</i> according to ISO 7937 standard.	i23651
Lactose TTC Agar with Tergitol-7	Recommended as a selective and differential medium for the recovery of injured <i>coliform</i> organisms from chlorinated water by membrane filter technique.	i23281
Lauryl Sulphate Broth - LSB	For the detection of <i>coliform</i> organisms in water and wastewater, according to the formula of the APHA.	i23076
LB Agar, Miller	For the cultivation of <i>E. coli</i> in fermentation and molecular genetic studies.	i23082
LB Agar, Lennox	LB Agar, Lennox is used for maintaining and cultivating recombinant strains of <i>Escherichia coli</i> .	i23083
LB Broth, Lennox	For the cultivation of <i>E. coli</i> in fermentation and molecular genetic studies.	i23084
LB Broth, Miller; Luria Bertani Broth, Miller	LB Broth, Miller (Luria-Bertani) are used for maintaining and propagating <i>Escherichia coli</i> in molecular microbiology procedures.	i23085
Lethen Broth, Modified	Lethen Broth is special formulations for the determination of bacterial activity of quaternary ammonium compounds.	i23092
Legionella Agar Base, BCYE	BCYE (Buffered Charcoal Yeast Extract) Agar is used for the growth and isolation of <i>Legionella</i> spp.	i23088
Listeria Enrichment Broth, Modified	For the selective enrichment of <i>Listeria</i> .	i23094
Liver Broth	For the cultivation of a wide variety of microorganisms, particularly <i>Brucella</i> and anaerobes.	i23611



Microbial Culture Media	Application	Cat. No.
Liver Infusion Agar	Used for the cultivation of a variety of organisms, particularly <i>Brucella</i> and anaerobes.	i23095
Liver Infusion Broth	Used for the cultivation of a variety of organisms, particularly <i>Brucella</i> and anaerobes.	i23364
LMX Broth Modified	Enrichment for the simultaneous detection of total <i>coliforms</i> and <i>E. coli</i> in water, food, and dairy products by the fluorogenic procedure.	i23217
Lysine Decarboxylase Broth - LDB	Lysine Decarboxylase Broth is used for differentiating microorganisms based on lysine decarboxylation.	i23367
Lysine Iron Agar - LIA	For the simultaneous detection of lysine decarboxylase (LDC) and hydrogen sulfide (H <sub>2</sub> S) production for the identification of <i>Enterobacteriaceae</i> , especially for <i>Salmonella</i> and <i>Arizona</i> .	i23368
M17 Agar	M17 Agar is used for isolating and enumerating lactic <i>streptococci</i> in yogurt, cheese starters and other dairy products.	i23098
M17 Broth	M17 Broth is used for isolating lactic <i>streptococci</i> from yogurt, cheese starters and other dairy products.	i23099
MacConkey Agar	For the detection and isolation of gram-negative organisms from clinical, dairy, food, water, pharmaceutical, cosmetic, and other industrial sources.	i23101
MacConkey Broth	MacConkey Broth is used for the detection of <i>coliform</i> organisms in milk and water.	i23104
MacConkey Agar with Sorbitol; MacConkey Sorbitol Agar; SMAC Agar Base	MacConkey Sorbitol Agar is selective and differential media for the detection of sorbitol-nonfermenting <i>Escherichia coli</i> serotype O157:H7 associated with <i>hemorrhagic colitis</i> .	i23103
Malachite Green Broth Base	For the selective enrichment of <i>Pseudomonas aeruginosa</i> according to HABS and KIRSCHNER (1943).	i23244
Malt Extract Agar	For the detection, isolation and enumeration of yeasts and molds. Bacteria may be suppressed by the addition of lactic acid.	i23107
Malt Extract Broth	For the cultivation of yeasts and molds.	i23481
Mannitol Salt Agar - MSA	For the selective isolation, cultivation, and enumeration of <i>staphylococci</i> from clinical and nonclinical specimens. Mannitol-utilizing organisms turn the medium yellow.	i23108
Marine Agar 2216 (Zobell Marine Agar)	Marine Agar 2216 is used for cultivating heterotrophic marine bacteria.	i23372
Marine Broth 2216 (Zobell Marine Broth)	Marine Broth 2216 is used for cultivating heterotrophic marine bacteria.	i23373
Meat extract, dried	Meat extract powder is a raw material that helps in growing microorganisms artificially, mainly for bacterial culture and fermentation. The meat Extract Powder is widely used in the preparation of biopharmaceutical fermentation and various media.	i23639
m-FC Broth	For the detection and enumeration of faecal <i>coliforms</i> using membrane filter technique at higher temperature (44.5°C).	i23260
m-Enterococcus Agar, Slanetz & Bartley Agar	Used for isolating and enumerating <i>enterococci</i> in water and other materials by membrane filtration technique.	i23112
Mitis Salivarius Agar	Selective medium for the isolation of <i>streptococci</i> and <i>enterococci</i> from clinical specimens.	i23384
Modified Charcoal Cefoperazone Deoxycholate Agar Base (mCCDA Agar Base) (Modified CCDA)	For isolation, detection, and enumeration of <i>Campylobacter</i> spp. From food and animal feed as well as from environmental samples and other materials. This culture medium complies with the specifications given by EN ISO 10272 and FDA-BAM. Modified charcoal cefoperazone deoxycholate (mCCD) agar is also called Modified CCDA PRESTON or <i>Campylobacter</i> blood-free selective agar.	i23665
MRS Agar, Lactobacillus MRS Agar	For the enrichment, cultivation, and isolation of <i>Lactobacillus</i> species from all types of materials.	i23114
MRS Broth, Lactobacillus MRS broth	Media introduced by DE MAN, ROGOSA and SHARPE (1960) for the enrichment, cultivation, and isolation of <i>Lactobacillus</i> species from all types of materials.	i23117
MR-VP Broth; Methyl-red VOGES-PROSKAUER broth for microbiology	For the differentiation of bacteria based on acid production (Methyl Red test) and acetoin production (Voges-Proskauer reaction).	i23249
MSRV Medium Base, modified; Modified Semi-solid Rappaport-Vassiliadis (MSRV) Medium	Rappaport-Vassiliadis (MSRV) Medium, Semisolid Modification is used with Novobiocin Antimicrobial Supplement in rapidly detecting motile <i>Salmonella</i> in feces and food products.	i23154
Mueller Hinton Agar - MHA	Mueller Hinton Agar is recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer Kirby method, as standardized by the CLSI.	i23118
Mueller Hinton Broth - MHB	Media proposed by MUELLER and HINTON (1941) for testing the sensitivity of clinically important pathogens towards antibiotics or sulfonamides.	i23119
Mueller Kauffman Tetrathionate Novobiocin Broth Base (MKTTN B)	For the selective enrichment of <i>salmonellae</i> from food and animal feed stuffs.	i23389
Mycobiotic Agar	For the isolation of fungal pathogens in highly contaminated samples.	i23121

## Microbial Culture Media

Microbial Culture Media	Application	Cat. No.
Mycosel Agar	Mycosel Agar is a selective medium for the isolation of pathogenic fungi from materials having a mixed flora of other fungi and bacteria.	i23124
MY40G	Malt Extract Yeast Extract 40% Glucose (MY 40G) Agar is used for the isolation and cultivation of osmotolerant microorganisms from foods.	i23487
MYP Agar, Cereus Agar	MYP Agar (Cereus Agar) is used with Egg Yolk Enrichment 50% and Bacillus Cereus Selective Supplement for the enumeration, detection, and isolation of <i>Bacillus cereus</i> in foodstuffs.	i23125
Nitrate Broth	Recommended for detecting nitrate-reducing and indole-producing microorganisms.	i23220
Nutrient Agar (NA)	Nutrient Agar is used for the cultivation of bacteria and for the enumeration of organisms in water, sewage, feces, and other materials.	i23126
Nutrient Agar With MUG	Nutrient Agar w/ MUG Base is a medium recommended for use in qualitative and quantitative procedures for detection and enumeration of <i>Escherichia coli</i> in water by a fluorogenic assay procedure.	i23395
Nutrient Broth (NB)	Nutrient Broth is used for the cultivation of many species of non-fastidious microorganisms.	i23127
OF Basal Medium	OF (Oxidation Fermentation) media are used for the determination of oxidative and fermentative metabolism of carbohydrates by gram-negative rods on the basis of acid reaction in either the open or closed system.	i23203
OF Glucose Medium	A semisolid medium used for the identification of gram-negative bacteria on the basis of their ability to oxidize or ferment glucose.	i23891
Orange Serum Agar (OSA)	Used for cultivating aciduric microorganisms, particularly those associated with spoilage of citrus products.	i23129
Orange Serum Broth - OSB	For the cultivation of <i>Lactobacilli</i> , other aciduric microorganisms, and pathogenic fungi.	i23130
Listeria Selective Agar Base, OXFORD Agar	Used to prepare Oxford Selective Agar or Modified Oxford Selective Agar for isolating and differentiating <i>Listeria monocytogenes</i> .	i23275
PALCAM Agar Base, PALCAM Medium Base, PALCAM Listeria Selective Agar	Used with PALCAM Selective Supplement for the selective cultivation, isolation and differentiation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> species from food and other samples.	i23212
PALCAM Listeria Selective Broth Base	Listeria Identification Broth Base (PALCAM) is recommended for selective enrichment and identification of <i>Listeria</i> species from clinical and non-clinical samples.	i23720
PE-2 Broth	For detection and cultivation of mesophilic anaerobic spore formers in specimens collected from food processing plants.	i23283
Peptone from Casein; Pancreatic Digest of Casein	Pancreatic digest of Casein is enzymatically hydrolysed casein that provides a complex nitrogen source in microbiological culture media.	i23036
Peptone from Gelatin	Gelatin peptone is low fermentable carbohydrates and is used in culture media especially for non-fastidious microorganisms and for fermentation studies.	i23650
Peptone from meat; Peptic Digest of Animal Tissue	Peptone from Meat is enzymatically hydrolyzed animal tissues that provides a complex nitrogen source in microbiological culture media.	i23136
Peptone Saline Solution (Ringer) - PSS	Useful as diluent for different test methods.	i23675
Peptone from Soybean; Pancreatic Digest of Soybean Meal	Peptone from soybean is widely used in culture media and is often used for the cultivation of many fastidious organisms and where rapid, luxuriant growth is required.	i23133
Peptone Water – PW	Peptone Water (indole free) is used for cultivating non-fastidious organisms, for studying carbohydrate fermentation patterns and for performing the indole test.	i23137
Pfizer Selective Enterococcus Agar	Medium for the enumeration of fecal streptococci by membrane filtration method.	i23266
Phenol Red Agar, Base	Used for the determination of fermentation reactions in the differentiation of microorganisms.	i23401
Phenol Red Broth Base	Used for the determination of fermentation reactions in the differentiation of microorganisms.	i23138
Phenol Red Mannitol Agar	For the determination of fermentation of mannitol in the differentiation of microorganisms.	i23402
Plate count Agar (PCA); Standard Methods Agar, Tryptone Glucose Yeast Agar	For obtaining microbial plate counts from milk and dairy products, foods, water, and other materials of sanitary importance.	i23144
Plate Count Skim Milk Agar (PCSM)	For determining the microbial count in milk and dairy products.	i23406
Potato Dextrose Agar (PDA)	For the cultivation, isolation and enumeration of yeasts and molds from foodstuffs and other materials.	i23145
Potato Dextrose Broth (PDB)	For the cultivation, isolation and enumeration of yeasts and molds from foodstuffs and other materials.	i23146
PPLO Agar; Mycoplasma Agar Base	PPLO (Mycoplasma) broth, when supplemented with nutritive enrichments, is used for isolating and cultivating <i>Mycoplasma</i> .	i23148

Microbial Culture Media	Application	Cat. No.
PPLO Broth; Mycoplasma Broth Base	PPLO (Mycoplasma) agar when supplemented with nutritive enrichments, is used for isolating and cultivating <i>Mycoplasma</i>	i23149
Presence-Absence Broth; (PA Broth)	Presence -Absence Broth is used for detecting <i>coliforms</i> in treated water.	i23150
Pyruvate Broth	Used to determine the ability of an organism to utilize pyruvate to form metabolic by-products	i23729
PSB Broth Base	Recommended for primary enrichment and enumeration of <i>Yersinia enterocolitica</i> from foods.	i23464
R2A Agar; R2-A Agar; Ph. Eur. Medium S	For use in standard methods for pour plate, spread plate, and membrane filter analysis to enumerate heterotrophic bacteria from water.	i23153
Rappaport-VASSILIADIS Broth; RVS Broth; Rappaport-Vassiliadis Soy Peptone Broth (acc. EP/USP/JP)	A selective Enrichment Broth for the isolation of <i>salmonellae</i> .	i23246
Reinforced clostridial medium (RCM) for microbiology (acc. EP/USP/JP)	Reinforced Clostridial Medium is used for cultivating and enumerating clostridia, other anaerobes, and other species of bacteria from foods and clinical specimens.	i23158
Rose Bengal Chloramphenicol Agar; RBC Agar	Used for selective isolation and enumeration of yeasts and molds from foods and environmental materials.	i23159
Sabouraud Dextrose Agar (SDA)	Sabouraud Dextrose Agar (SDA) is used for the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and yeast.	i23164
Sabouraud Dextrose Agar w/ Chloramphenicol	Sabouraud Dextrose Agar (SDA) with Chloramphenicol is designed for the determination of the total count of yeasts and molds. The media is used for the microbiological examination of non-sterile products.	i23161
Sabouraud Dextrose Broth (SDB)	Sabouraud Dextrose Broth (SDB) is used for the cultivation of yeasts and molds.	i23163
Schaedler Broth Base; Schaedler Anaerobe Broth	Schaedler Agar is a base for several media formulations used for the recovery of anaerobic microorganisms. Schaedler Agar with Vitamin K1 and 5% Sheep Blood is used for the isolation and cultivation of fastidious aerobes and anaerobes from a variety of clinical and nonclinical specimens.	i23166
Selenite Broth, Selenite F Broth (Twin Pack)	Selenite Broth (Selenite-F Broth) is used as an enrichment medium for the isolation of <i>Salmonella</i> from feces, urine, water, foods, and other materials of sanitary importance.	i23167
Selenite Cystine Broth	Selenite Cystine Broth Base is an enrichment medium for the isolation of salmonellae from feces and food products.	i23646
SIM Medium; Sulfide Indole Motility Medium	Used to differentiate enteric <i>bacilli</i> on the basis of sulfide production, indole formation and motility.	i23170
Simmons Citrate Agar	For the differentiation of Gram-negative bacteria on the basis of citrate utilization. Bacteria that can utilize citrate as sole carbon source turn the medium blue.	i23171
Skim Milk Powder	Skim milk powder is used as nutritive substrate in media for the growth of fastidious <i>lactobacilli</i> and in bacteriological media for dairy products.	i23422
Skim Milk Agar	Skim Milk Agar is used for cultivation and enumeration of microorganisms encountered in dairy industry.	i23172
Soybean-Casein Digest Polysorbate 80 - SCDLP80	Medium for environmental monitoring and for determining efficiency of containers, equipment, and surfaces. The medium conforms to the United States Pharmacopeia XXVI.	i23710
Soybean-Casein Digest Polysorbate 20 - SCDLP20	Medium for environmental monitoring and for determining efficiency of containers, equipment, and surfaces. The medium conforms to the United States Pharmacopeia XXVI.	i23709
SPS Agar; Sulfite Polymyxin Sulfadiazine Agar	Medium proposed by ANGELOTTI et al. (1962) for the isolation and enumeration of <i>Clostridium perfringens</i> and <i>Clostridium botulinum</i> in all types of foodstuffs.	i23173
SS Agar; Salmonella Shigella Agar	SS Agar is used for isolating <i>Salmonella</i> and some <i>Shigella</i> .	i23174
Starch Agar	For the cultivation and differentiation of a variety of microorganisms based on amylase production.	i23214
Sulfite Iron Agar, Base	For detecting H <sub>2</sub> S-producing Anaerobes, particularly <i>clostridia</i> in meat and meat products.	i23276
TAT Broth (Base); Casein-Peptone Lecithin Polysorbate Broth (Base)	Casein-Peptone Lecithin Polysorbate Broth Base with added polysorbate 20 is used for cultivating microorganisms from highly viscous or gelatinous materials.	i23273
TBX Agar	Selective agar for the detection and enumeration of <i>Escherichia coli</i> in foodstuffs, animal feed and water.	i23616
TCBS Agar; Thiosulfate Citrate Bile Salts Sucrose Agar	Thiosulfate Citrate Bile Salts Sucrose Agar (TCBS Agar) is used for the selective isolation of <i>cholera vibrios</i> and <i>Vibrio parahaemolyticus</i> from a variety of clinical and nonclinical specimens.	i23177
Tetrathionate Broth Base	Tetrathionate Broth Base, with added iodine-iodide solution, is used as a selective enrichment medium for the isolation of <i>Salmonella</i> from feces, urine, foods, and other materials of sanitary importance.	i23271
TGE Agar	For determining the total aerobic microbial count in water and other materials.	i23184

# Microbial Culture Media

Microbial Culture Media	Application	Cat. No.
Thayer-Martin Medium Base	Thayer Martin Medium Base was developed for the primary isolation of <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i> from specimens containing mixed flora.	i23210
Thermoacidurans Agar - TAA	For isolating and cultivating <i>Bacillus coagulans</i> ( <i>Bacillus thermoacidurans</i> ) from foods.	i23132
Thioglycollate Broth (TGB)	For cultivation and isolation of obligate and facultative anaerobic and microaerophilic bacteria and for sterility tests.	i23279
Thioglycollate Medium, Brewer Modified	Thioglycollate Medium, Brewer Modified is used for the cultivation of obligate anaerobes, microaerophiles and facultative organisms.	i23225
Triple Sugar Iron Agar; TSI Agar	For differentiation of gram-negative enteric bacilli based on fermentation of dextrose, lactose and sucrose and hydrogen sulfide production.	i23183
Tryptone Peptone Glucose Yeast Extract (TPGY) Broth Base, w/o Trypsin	TPGY Broth is used to test toxicity type of <i>Clostridium botulinum</i> cultures.	i23466
Tryptone Water - TW	Tryptone Water is used for cultivating non-fastidious organisms, for studying carbohydrate fermentation patterns and for performing the indole test.	i23185
Tryptophan Broth	This culture medium is intended for growing intermediate cultures in the differentiation of coliform bacteria when carrying out the bacteriological analysis of water as recommended in the German Standard Methods and the German drinking water regulation (1990).	i23270
Tryptose Broth	Tryptose Broth is used for cultivating <i>Brucella</i> and other fastidious microorganisms.	i23443
TSA; Tryptic Soy Agar; Trypticase™ Soy Agar; Soybean-Casein Digest Agar	Used for the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes.	i23188
TSB; Tryptic Soy Broth; Trypticase™ Soy Broth; Soybean-Casein Digest Medium-Caso broth	Tryptic (Trypticase) Soy Broth (Soybean Casein Digest Medium) is a general purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and nonclinical specimens.	i23189
TSC Agar; Tryptose Sulfite Cycloserine Agar; Clostridium Perfringens Agar	For the isolation and enumeration of the vegetative and spore forms of <i>Clostridium perfringens</i> in foodstuffs, clinical specimens, and other materials.	i23229
Urea Agar Base	Used for the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production.	i23209
Urea Broth	Used for the differentiation of organisms, especially the <i>Enterobacteriaceae</i> , on the basis of urease production.	i23180
Urea, Crystalline	For detection of urease activity.	i23507
Violet Red Bile Agar (VRBA)	For the detection and enumeration of <i>coliforms</i> in food, animal feed and environmental samples.	i23191
Violet Red Bile Glucose Agar (VRBGA)- vrbd	VRBD Agar (also known as VRBG Agar) is used for detecting and enumerating <i>Enterobacteriaceae</i> in food and dairy products.	i23193
Violet Red Bile Lactose Agar (VRBLA)	For the detection and enumeration of <i>coliforms</i> in food, animal feed and environmental samples.	i23247
XLD Agar; Xylose Lysine Deoxycholate Agar	XLD Agar is used to isolate pathogenic <i>Enterobacteria</i> , especially <i>Shigella</i> and <i>Salmonella</i> from biological and food samples.	i23250
Yeast Extract	For use in culture medium as a source of nitrogen and water-soluble B vitamins.	i23198
Yeast Extract Agar	For the plate count of organisms in water.	i23199
Yersinia (CIN) Agar	For the selective cultivation of <i>Yersinia</i> , particularly <i>Y. enterocolitica</i> and <i>Y. pseudotuberculosis</i> , from clinical specimens, foodstuffs, water etc.	i23044
YGC Agar: Yeast Extract Glucose Chloramphenicol Agar	Selective agar for isolating and counting yeasts and molds in milk and milk products.	i23204
YM Agar; Yeast Mold Agar (YMA)	For cultivating yeasts, molds and other aciduric microorganisms.	i23205
YM Broth; Yeast Mold Broth (YMB)	For cultivating yeasts, molds and other aciduric microorganisms.	i23206
YPD Agar; Yeast Extract-Peptone-Dextrose Agar	For the isolation and cultivation of <i>Saccharomyces rouxii</i> from chocolate syrup.	i23201
YPD Broth; YEPD Broth; Yeast Extract-Peptone-Dextrose Broth	YPD Broth is used for maintaining and propagating yeasts in molecular microbiology procedures.	i23202

## Chromogenic Culture Media

Chromogenic Culture Media	Application	Cat. No.
Colizist™ (Vial / Bottle)	For simultaneously identification of <i>E. coli</i> and <i>Coliforms</i> in water samples within 18-24 hours.	CZ1020
iChrom™ Bacillus	A chromogenic medium for the isolation and differentiation of <i>bacillus cereus</i> from food sample.	ic27013
iChrom™ Candida	A selective and differential medium for the rapid isolation and identification of clinically important <i>candida</i> species.	ic27012
iChrom™ E. coli - Coliforms	Chromogenic medium for simultaneous detection of <i>E. coli</i> and total <i>coliforms</i> in water, food, and clinical samples.	ic27015
iChrom™ Listeria (ALOA)	A selective medium for the isolation, differentiation and detection of <i>Listeria</i> from food and environmental samples.	ic27011
iChrom™ Salmonella	Chromogenic medium for isolation of <i>salmonella</i> species including <i>s. typhi</i> and lactose positive <i>salmonella</i> .	ic2704
iChrom™ Staphylococcus	Chromogenic medium for isolation of <i>Staphylococcus aureus</i> .	ic27006
LMX	For the simultaneous detection of total <i>coliforms</i> and <i>E. coli</i> in water, food and dairy products by the fluorogenic procedure.	i23217
TBX	A selective agar for detection and enumeration of <i>E. coli</i> in food stuffs, animal feed and water.	i23616

## Microbial Detection Kits

Microbial Detection Kit	Application	Cat. No.
Aerobic Bacterial Detection Kit (AERO)	for identification aerobic heterotrophic bacteria	MC57005
Algae Test Kit	for identification algae	MC57022
Anaerobic Bacterial Detection Kit (ANA)	For determination the presence of anaerobic bacteria.	MC57006
Acid Producing Bacterial Test Kit (APB)	For determination the presence of acid-producing bacteria.	MC57016
Coliforms & E. coli Detection Kit	For identification and enumeration of total <i>coliforms</i> and <i>e. coli</i> .	AS714
Coliforms & E. coli Detection Kit	For identification and enumeration of total <i>coliforms</i> and <i>e. coli</i> .	AS717
Coliforms Detection Kit	For identification and enumeration of total <i>coliforms</i> .	AS-712
Colizist™ (Vial / Bottle)	For simultaneously identification of <i>E. coli</i> and <i>Coliforms</i> in water samples within 18-24 hours.	CZ1020
Flask MicrobCheck™	For identification of total bacteria in liquid samples.	MC57030
Fluorescence Pseudomonas Test Kit	For determination the presence of <i>pseudomonas</i> bacteria.	MC57020
Iron Related Bacteria Test Kit (IRB)	For determination the presence and enumeration of Iron-Related Bacteria.	MC57012
Nitrate Reducing Bacteria Detection Kit (NRB)	For determination the presence of Nitrate/Nitrite-Reducing Bacteria.	MC57014
Pseudomonas Detection Kit	For detection and enumeration of <i>pseudomonas aeruginosa</i> bacteria.	AS-708
Salmonella Detection Kit	For determination and enumeration of <i>salmonella</i> bacteria.	AS715
Sulfate Reducing Bacteria Detection Kit (SRB)	For determination the presence and enumeration of Sulfate-Reducing Bacteria.	MC57010
Staphylococcus Detection Kit	For identification and enumeration of <i>staphylococcus aureus</i> bacteria.	AS716
Staphylococcus / Pseudomonas Detection Kit	For determination the presence of <i>pseudomonas</i> bacteria.	AS722
Total Bacterial Count Detection Kit	For identification and enumeration of total bacteria.	TBC701
Total Bacterial Count Detection Kit	For identification and enumeration of total bacteria, yeasts, and molds.	TBC704
Total Bacterial Count & Staphylococci Detection Kit	for identification and enumeration of total bacteria and coagulase-positive <i>staphylococci</i> .	TBC709
TRB Test Kit	For identification of microbial corrosion caused by Thiosulfate-Reducing Bacteria.	MC57018
Autoclave Sterility Control (ASC)	For routine sterility test of autoclave.	MC1040
Oven Sterility Control (OSC)	For routine sterility test of oven.	MC1050

Antibiotic	Application	Cat. No.
Amikacin Sulfate	An aminoglycoside Antibiotic, inhibitor of protein synthesis in gram-negative bacteria.	i88002
Amphotericin B	An anti-fungal agent.	i88008
Cefepime Dihydrochloride Monohydrate	A broad-spectrum Cephalosporin antibiotic against both gram-negative and gram-positive bacteria.	i88015
Cefixime Trihydrate	A broad-spectrum Cephalosporin antibiotic against gram-negative bacteria.	i880230
Cefoperazone	A broad-spectrum Cephalosporin antibiotic	i88027
Cefotaxime Sodium Salt	A broad-spectrum Cephalosporin antibiotic against both gram-negative and gram-positive bacteria.	i88027
Ceftriaxone disodium hemiheptahydrate salt	A cephalosporin antibiotic, inhibitor of cell wall synthesis in gram-negative and gram-positive bacteria.	i88009
Cephalexin hydrochloride	A cephalosporin antibiotic, inhibitor of protein synthesis.	i88047
Clindamycin Hydrochloride	A lincosamide antibiotic against heterotrophic bacteria, <i>staphylococci</i> , and <i>streptococci</i> .	i88018
Erythromycin	A broad-spectrum macrolide.	i88025
Geneticin Disulfate (G418)	Effective against gram-negative bacteria.	i88019
Imipenem Monohydrate	A broad-spectrum antibiotic, inhibitor of cell wall synthesis.	i88036
Irgasan (Trichlorosan)	A biocide used as a disinfectant and preservative and shown antibacterial properties.	i88038
Kanamycin Sulfate	A bactericidal antibiotic against gram-negative and gram-positive bacteria.	i88037
Nalidixic Acid	Inhibitor of gram-positive bacteria.	i88011
Neomycin Trisulfate Hydrate	A broad-spectrum antibiotic against gram-negative and gram-positive bacteria.	i88012
Oxytetracycline	A broad-spectrum antibiotic	i88030
Rifampicin	RNA synthesis inhibitor	i88013
Streptomycin Sulfate	An aminoglycoside antibiotic, protein synthesis inhibitor in aerobic gram-negative bacteria	i88024
Sulfadiazine	Cell wall synthesis inhibitor	i88004
Sulfamethoxazole	A bacteriostatic antibiotic for gram-negative and gram-positive bacteria.	i88044
Tetracycline hydrochloride	Protein synthesis inhibitor.	i88022
Tobramycin	An aminoglycoside antibiotic, protein synthesis inhibitor.	i88003
Trimethoprim	A bactericide antibiotic.	i88023
Vancomycin Hydrochloride	A tricyclic glycopeptide, shown bactericidal effects against staphylococci, streptococci, and other gram-positive bacteria.	i88005



Supplement	Application	Cat. No.
Bacillus Cereus Selective Supplement	A selective supplement for the isolation and enumeration of <i>Bacillus cereus</i> .	iS47004
Bifidobacterium Selective Supplement	A selective supplement recommended for the isolation of <i>Bifidobacterium</i> species.	iS47064
Bolton Selective Supplement	An antibiotic supplement recommended for the selective pre-enrichment of <i>campylobacter</i> species in food and other specimens.	iS47065
Bordetella Selective Supplement	A selective supplement for the isolation of <i>Bordetella</i> species when used with charcoal agar.	iS47005
Brucella Selective Supplement	A selective supplement for the isolation of <i>Brucella</i> species.	iS47006
Campylobacter Selective Supplement, Butzler	An improved selective supplement for <i>Campylobacter</i> Blood-Free Selective Agar Base, based on formulation by Bolton, for the selective isolation of <i>Campylobacter</i> species.	iS47008
Campylobacter Selective Supplement, Preston	An antibiotic supplement recommended for selective isolation of <i>Campylobacter</i> species.	iS47009
Campylobacter Selective Supplement, Skirrow	An antibiotic supplement recommended for selective isolation of <i>Campylobacter</i> species at 42 °C, based on the formulation of Skirrow.	iS47010
CCDA Selective Supplement	An improved selective supplement for <i>Campylobacter</i> Blood-Free Selective Agar Base (mCCDA).	iS47011
Cefixime Tellurite Selective Supplement	A selective supplement recommended by ISO Committee for the isolation of <i>Escherichia coli</i> 0157:H7.	iS47013
CFC Selective Supplement	A supplement recommended for the selective isolation of <i>Pseudomonas</i> spp.	iS47014
Chloramphenicol Selective Supplement	A selective supplement recommended for isolation of <i>Yeasts and moulds</i> .	iS47015
Clostridium Difficile Selective (CCFA) Supplement	A selective supplement for the isolation of <i>Clostridium difficile</i> .	iS47017
Clostridium Perfringens Selective Supplement (TSC)	A selective supplement for the isolation of <i>Clostridium perfringens</i> .	iS47077
D-Cycloserine Selective Supplement	A selective supplement for the isolation of <i>Clostridium perfringens</i> .	iS47019
Egg Yolk Emulsion 50%	For identification of <i>Clostridium</i> , <i>Bacillus</i> and <i>Staphylococcus</i> by their lipase activity.	iS47020
Egg Yolk Tellurite Emulsion 20%	An Egg yolk containing Potassium Tellurite for use in Baird-Parker Agar.	iS47021
Fraser Listeria Selective Supplement	A selective supplement recommended for isolation of <i>Listeria</i> species from food, animal feed and environmental specimens.	iS47022
Fraser Supplement	A selective supplement recommended for isolation of <i>Listeria</i> species from food, animal feed and environmental specimens.	iS47089
G-N Anaerobic Selective Supplement	A supplement for the selective isolation of Gram-negative anaerobes.	iS47002
Half (Demi) Fraser Listeria Selective Supplement	A selective supplement recommended for isolation of <i>Listeria monocytogenes</i> from food samples.	iS47026
Helicobacter Pylori Selective Supplement	A selective supplement for isolation of <i>Helicobacter pylori</i> from clinical specimens.	iS47027
Iodide and Iodine Supplement	A selective supplement recommended for enrichment and isolation of <i>Salmonella</i> species.	iS47087
Iodine Solution for MKTTn	A selective supplement recommended for enrichment and isolation of <i>Salmonella</i> species.	iS47040
Iron II Sulfate Supplement	Iron II Sulfate supplement recommended for detection of thermophilic anaerobic organisms causing sulphide spoilage in food.	iS47081
Karmali Campylobacter Selective Supplement	A selective supplement for the isolation of thermotolerant <i>Campylobacter</i> species, such as <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> , when incubated at 42 °C.	iS47029
Legionella BCYE Growth Supplement	A supplement recommended for optimal growth of <i>Legionella</i> species	iS47066
Legionella BMPA Selective Supplement	A selective supplement for the isolation of <i>legionellae</i> .	iS47032
Legionella GVPC Selective Supplement	A supplement recommended for selective isolation of <i>Legionella</i> species.	iS47033
Legionella MWY Selective Supplement	A selective supplement for the isolation of <i>legionellae</i> .	iS47034
Listeria Selective Enrichment Supplement	A selective supplement recommended for isolation of <i>Listeria</i> species from food, animal feed and environmental specimens.	iS47084

Supplement	Application	Cat. No.
Malachite Green Supplement	Malachite green Supplement is used as selective agent for <i>Pseudomonas aeruginosa</i> species.	iS47088
Modified Karmali Campylobacter Selective Supplement	A selective supplement for the isolation of thermotolerant <i>Campylobacter</i> species, such as <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> , when incubated at 42 °C.	iS47029
Modified Staph/Strep (CAN) Selective Supplement	A selective supplement for the isolation of <i>Staphylococcus aureus</i> and <i>Streptococci</i> .	iS47069
N-S Anaerobe Selective Supplement	A supplement for the selective isolation of non-sporing anaerobes.	iS47003
Novobiocin Supplement for MKTTn	A selective supplement recommended for enrichment and isolation of <i>Salmonella</i> species.	iS47041
OADC Growth Supplement	OADC or Middlebrook Oleic Albumin Dextrose Catalase Growth Supplement is an enrichment supplement recommended for the cultivation of <i>Mycobacteria</i> .	iS47064
Oxford Listeria Selective Supplement	A selective supplement for the isolation of <i>listeria</i> .	iS47038
PALCAM Listeria Selective Supplement	A selective supplement for the isolation of <i>Listeria monocytogenes</i> .	iS47044
Polymyxin B Selective Supplement	Polymyxin B Selective supplement for the inhibition of Gram-negative bacteria.	iS47045
Potassium Chlorate Supplement (ITC)	A supplement recommended for the selective enrichment of <i>Yersinia enterocolitica</i>	iS47090
Potassium Tellurite 1% Solution	A selective supplement for the isolation of <i>Staphylococcus aureus</i> species.	iS47083
PSB Selective Supplement	A selective supplement for the isolation of <i>Yersinia enterocolitica</i> when used with PSB Broth Base.	iS47085
Pseudomonas CN Selective Supplement	Additive for the preparation of <i>Pseudomonas</i> CN Selective Agar for the detection and enumeration of <i>Pseudomonas aeruginosa</i> in water by the membrane filter technique. Cetrimide and Nalidixic acid inhibit the Gram-positive and Gram-negative accompanying flora.	iS47078
S.F.P Selective Supplement	A selective supplement for the isolation of <i>Clostridium perfringens</i> .	iS47079
Staph/Strep (CAN) Selective Supplement	A selective supplement for the isolation of <i>Staphylococci</i> and <i>Streptococci</i> .	iS47050
Thayer-Martin Supplement I	An antibiotic supplement recommended for the selective isolation of <i>Neisseria gonorrhoeae</i> and <i>Neisseria meningitidis</i> .	iS47055
Thayer-Martin Supplement II	A chemically defined growth supplement preferred over yeast extract to supplement Thayer Martin Medium for cultivation of <i>Neisseria</i> species.	iS47056
Ticarcillin Supplement	A supplement recommended for the selective enrichment of <i>Yersinia enterocolitica</i>	iS47095
TSYEA Supplement	An antibiotic selective supplement recommended for isolation of <i>Listeria monocytogenes</i> .	iS47093
TTC Supplement	2,3,5 Triphenyl Tetrazolium chloride (TTC) supplement recommended for selective enumeration and identification of <i>coliform</i> organisms.	iS47082
VCAT Selective Supplement	A selective supplement for improvement of the isolation of pathogenic <i>Neisseria</i> by increasing the selectivity of isolation media.	iS47060
VCN Selective Supplement	A selective supplement for the isolation of pathogenic <i>Neisseria</i> .	iS47061
VCNT Selective Supplement	A selective supplement for the isolation of pathogenic <i>Neisseria</i> .	iS47062
Yersinia CIN Selective Supplement	A selective supplement for the isolation of <i>Yersinia enterocolitica</i> when used with Yersinia (CIN) Agar Base.	iS47016

Reagent & solution	Application	Cat. No.
10% Potassium Hydroxide	A reagent recommended for use in qualitative procedures to detect fungal elements in clinical specimens by microscopic examination.	iS47012
10X TBE (Tris-Borate-EDTA)	Is an extensively used buffer for agarose gel electrophoresis.	iB40012
10X Tris-Glycine-SDS Gel running buffer	Used as running buffer in SDS-Page	iB40010
40% Urea Solution	Recommended for the detection of Urease activity.	iS23507
50% TAE	Used as DNA agarose gel electrophoresis.	iB40013
Albert's Metachromatic Staining Kit	Used for observing metachromatic granules.	iK37014
Benedict's Qualitative Reagent	Used for testing the presence of reducing sugars.	iR96009
Calcium Chloride Solution	Commonly used reagent in biochemistry.	iS47003
Carbol Fuchsin (Ziehl-Nelsen)	Used in microscopic detection of acid-fast microorganisms such as <i>Mycobacterium</i> .	iK37012
Catalase Reagent	Used for detecting the presence of the enzymes, catalase and peroxidase, produced by some bacteria.	iR96010
Ehrlich's (Indole)	A reagent recommended for use in qualitative procedures to detect indole production by microorganisms.	iR96012
Eosin Y-Solution (0.5%)	Is used for human-medical cell diagnosis and serves the histological and clinico-cytological investigation of sample material of human origin.	iO27003
Ferric Chloride Reagent	Used to detect the presence of the enzyme phenylalanine deaminase produced by some bacteria.	iR96006
Giemsa Stain	For used in hematology, histology, cytology and bacteriology.	iO27002
Gram Staining Kit	Used as a differential stain for the microscopic examination of bacterial cultures and laboratory specimens.	iK37016
Hematoxylin Stain	Used in H&E staining method.	iO27005
Immersion Oil	Used to increase the resolving power of a microscope.	iT57014
Vibrio String Test	For identification of <i>vibrio cholerae</i> .	iT57012
Voges-Proskauer Reagents (MR-VP)	Used to differentiate organisms, based on their ability to produce the end product, acetylmethylcarbinol (acetoin), from glucose fermentation.	iR94001 iR94002 iR94003
Kovac's Indole Reagent	For detection of presence of indole produced by microorganisms due to tryptophan deamination.	iR95008
Lactophenol Blue Stain	Used as a mounting medium for studying fungi.	iS47007
Lugol's Iodine Stain	Used as staining solution to detect intestinal protozoa and helminth ova or larvae.	iS47009
Luminol	Luminol Reagent for enhancing chemiluminescence detection of western blots.	i880098
Methylene Blue 0.5% (aqueous)	Used for capsule staining and simple staining.	iS47005
Phosphate Buffered Saline	Used or preparation of dilutions and blanks.	iB40014
PYR Reagent	Used for detection of Pyrrolidonyl Arylamidase enzyme activity of $\beta$ -hemolytic <i>Streptococci</i> .	iT57010
Reticulocyte Stain	For identification of reticulocytes in blood films.	iO27006
Saline	Is recommended for procedures that require the use of isotonic diluent and preparing test suspensions of organisms.	iT57016
Spore Staining Kit (Schaeffer & Fulton's)	Used for staining bacterial spores.	iK37018
Sulphosalicylic Acid 3%	Used for determination the presence of proteins in urine sample by turbidimetric method.	iR96004
Trypan Blue 0.4% Solution	Used to distinguish the viable cells from the non-viable cells.	iO27007
Wright's Stain	Used for staining blood smears in the detection of blood parasites.	iO27001