Bacteriology

Bio-Rad brings over 100 years of experience and expertise in the field of Clinical Bacteriology, especially culture media range, including chromogenics; identification tests, and antimicrobial susceptibility testing products.

Rigorous quality criteria in our manufacturing plant allow us to provide products with accurate and high levels of performance. Quality is certified under ISO 9001 and our laboratories use state-of-the-art microbiology techniques and analytical equipment to ensure lot performance and interlot consistency. Certificates of Analysis are available with each lot.

Chromogenic Media

Visibly Reliable.

Bio-Rad has extensive experience in developing chromogenic media formulations. In 2003 we launched MRSASelect Agar, the first chromogenic media to screen for *Staphylococcus aureus* with acquired antimicrobial methicillin resistance. Since the successful international launch, Bio-Rad has extended its family of the "Select" brand chromogenic media including:

- Urine Diagnosis (UriSelect4)
- Wounds Diagnosis (SaSelect)
- Prevention of Perinatal Group B Streptococcal Diseases (StrepBSelect)
- HAI Screening & Prevention (MRSASelect II, VRESelect)

Bio-Rad chromogenic media offer:

- Cost-effective labor-saving protocols
- Shorter time-to-result, consistent and reliable results compared to conventional media
- Easy-to-read and highly contrasted chromogenic reactions
- Convenience with a plate design compatible with laboratory automated streaker systems

Range partially or fully listed on the following regulatory certifications: CE, FDA, TGA, COFEPRIS, ANVISA, SwissMedic, Canada Health

Contact your Bio-Rad representative to get the Chromogenic Media Brochure (16051)

Contact your Bio-Rad representative to get the Chromogenic Media Demo Kit (16364)

Urine Diagnosis

UriSelect4 Agar

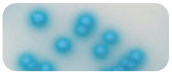
Non-selective chromogenic agar medium for the isolation, differentiation, and enumeration of urinary tract pathogens.

- Results interpretation after 18-24 hours incubation
- Direct identification of *Escherichia coli*, *Enterococcus* spp., and *Proteus mirabilis*
- Presumptive identification of KESC group in Enterobacteria (*Klebsiella*, *Enterobacter*, *Serratia*, and *Citrobacter*) and PMP (*Proteus-Morganella-Providencia*) group (confirmation by indole test)
- Direct visual differentiation of colonies based on colors
- β LACTA and β CARBA Tests can be used from suspicious colonies to detect the resistance mechanisms


E. coli


P. mirabilis


K. pneumoniae


Enterococcus spp.

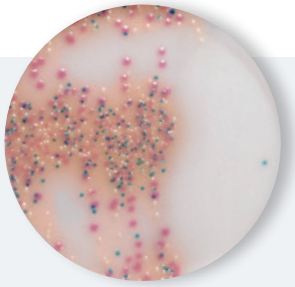

S. saprophyticus


E. coli, E. faecalis and P. mirabilis

Contact your Bio-Rad representative to get the UriSelect4 Agar Brochure (16364)

Contact your Bio-Rad representative to get the UriSelect4 Agar Poster (16387)

Bacteriological Urinalysis Workflow Video



Ordering Information

Catalog #	Description
63726	**UriSelect4**, 20 plates of 90 mm
63727	**UriSelect4**, 100 plates of 90 mm
64694	**UriSelect4**, 500 g
12013236*	**UriSelect4**, 5 kg

** Special ordering available upon request.*

***Related Products**: Kovacs Reagent, β LACTA and β CARBA Tests.*

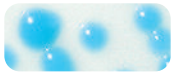
Wounds Diagnosis

SaSelect Agar

Selective chromogenic medium for the direct identification of *Staphylococcus aureus* as well as the isolation and differentiation of staphylococci.

- Results interpretation after 18-24 hours incubation
- Direct identification of *Staphylococcus aureus* (pink to orange colonies)
- Optimized sensitivity for the rapid growth of staphylococci
- Direct visual differentiation of staphylococci colonies based on colors
- Direct visual differentiation of colonies based on colors

S. aureus

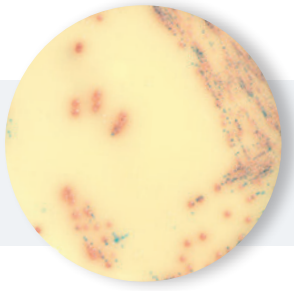


S. saprophyticus

S. aureus and S. schleiferi

S. aureus, S. epidermidis and S. saprophyticus

Contact your Bio-Rad representative to get the SaSelect Agar Poster (16537)



Ordering Information

Catalog #	Description
63748	**SaSelect**, 20 plates of 90 mm

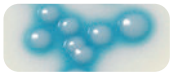
***Related Product**: Pastorex Staph-Plus*

Prevention of Perinatal Group B Streptococcal Diseases

StrepBSelect Agar

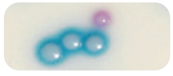
Selective chromogenic agar medium for the presumptive identification of *Streptococcus agalactiae* colonization (GBS) in vaginal or vaginal-rectal specimens from pregnant women at 35-37 week pregnancies (in accordance with CDC recommendations).

- Results interpretation after 24-48 hours incubation
- Presumptive identification of GBS (blue colonies)
- Optimized sensitivity for the rapid growth of the overall GBS including the non β-hemolytics
- Differentiation of *Enterococcus* spp. (purple colonies) and *Lactobacillus* spp. (pink colonies) possibly not inhibited
- Simplified workflow: incubation under aerobic atmosphere
- Direct visual differentiation of colonies based on colors



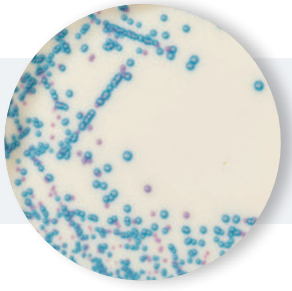
GBS and Enterococcus spp.

Presumptive GBS including non β-hemolytics



GBS and Lactobacillus spp.

Contact your Bio-Rad representative to get the StrepBSelect Brochure (16403)



Ordering Information

Catalog #	Description
63750	**StrepBSelect**, 20 plates of 90 mm

***Related Product**: Pastorex Strep B.*

HAI Screening & Prevention

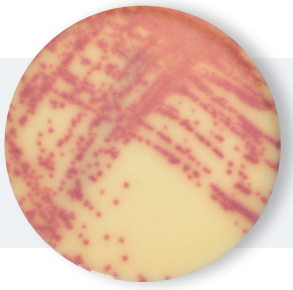
MRSASelect II Agar

Selective and differential chromogenic medium for the qualitative detection and direct identification of Methicillin Resistant *Staphylococcus aureus* (MRSA). The test is performed:

- **From anterior nares specimens** in asymptomatic carriers or from patients at risk of carriage to screen for MRSA colonization to aid in the prevention and control of MRSA infections in healthcare settings
- **From skin and soft tissue specimens** or **from wounds** to aid in the diagnosis of MRSA infection

- Results interpretation after 18-28 hours incubation
- Large visible colonies
- Distinct pink color

Methicillin-resistant S. aureus



Ordering Information

Catalog #	Description
63757	**MRSASelect II**, 20 plates of 90 mm
63759	**MRSASelect II**, 100 plates of 90 mm

***Related Product**: Pastorex Staph-Plus.*

VRESelect Agar

Selective and differential chromogenic medium for the qualitative detection and identification of vancomycin-resistant *Enterococcus faecium* (VRE-*fm*) and vancomycin-resistant *Enterococcus faecalis* (VRE-*fs*). The test is performed on rectal swabs or fecal specimens to screen patients or healthcare workers for VRE gastrointestinal colonization.

- Results interpretation after 24-28 hours incubation
- Selective detection of VRE-*fm* (pink colonies)
- Presumptive identification of VRE-*fs* (blue colonies, confirmation by a direct catalase test)
- Reliable screening: detection of the VRE low resistance level (VanB)
- Direct visual differentiation of colonies based on colors
- Further vancomycin susceptibility testing may be performed directly from the colonies isolated on VRESelect

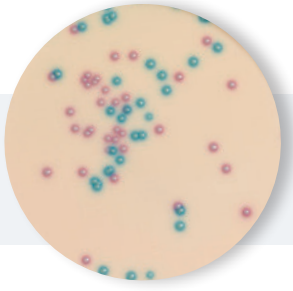
VRE-faecium

Direct Catalase test

⊖ *VRE-faecalis*

⊕ *Not VRE*

Contact your Bio-Rad representative to get the VRESelect Flyer (16512)



Ordering Information

Catalog #	Description
63751	**VRESelect**, 20 plates of 90 mm
63752	**VRESelect**, 100 plates of 90 mm

EUCAST and CA-SFM/EUCAST Compliant

Mueller-Hinton-F (MHF) Agar

Standardized medium supplemented with 5% mechanically defibrinated horse blood and 20 mg/L β-NAD, used by the EUCAST and CA-SFM/EUCAST for testing the antimicrobial susceptibility of *Streptococcus* spp. (including *S. pneumoniae*), *Haemophilus* spp., *Moraxella catarrhalis*, *Listeria monocytogenes*, *Campylobacter* spp., *Pasteurella multocida*, *Corynebacterium* spp., *Aerococcus* spp. and *Kingella* spp., *Brucella melitensis.*

- Formulation conforms with EUCAST and CA-SFM/EUCAST recommendations
- Manufacturing in accordance with WHO standard
- Thickness of 4 ± 0.5 mm in accordance with the ISO 16782 and the Quality control criteria published in the current EUCAST, CA-SFM/EUCAST guidelines
- Perfectly flat surfaces to deliver AST disks

Ordering Information

Catalog #	Description
63524	**Mueller-Hinton-F (MHF) Agar**, 20 plates of 90 mm
63525	**Mueller-Hinton-F (MHF) Agar**, 10 square plates of 120 mm

***Related Products**: AST Disks, AST Dispenser.*

CLSI Compliant

Mueller-Hinton Agar + Sheep Blood (MHB)

Standardized medium supplemented with 5% sheep blood used by the CLSI for testing the antimicrobial susceptibility of fastidious species: *Streptococcus* spp. (including *S. pneumoniae*), *Campylobacter jejuni* and *Campylobacter coli*, *Neisseria meningitidis* and *Pasteurella* spp.

- Formulation conforms with CLSI recommendations
- Manufacturing in accordance with WHO standard
- Thickness of 4 ± 0.5 mm in accordance with the ISO 16782 and the Quality control criteria published in the current CLSI guidelines
- Perfectly flat surfaces to deliver AST disks

Ordering Information

Catalog #	Description
63825	**Mueller-Hinton Agar + Sheep Blood (MHB)**, 20 plates of 90 mm
63902	**Mueller-Hinton Agar + Sheep Blood (MHB)**, 10 square plates of 120 mm

***Related Products**: AST Disks, AST Dispenser.*

Anaerobes Media

Rosenow Cysteine Broth

Very rich broth for rapid growth of particularly fastidious, facultative aerobic-anaerobic, and strict anaerobic bacteria.

Ordering Information

Catalog #	Description
55683	**Rosenow Cysteine Broth**, 25 tubes of 10 mL

Blood Agar Media

Blood Agar

Blood Agar Base + Nalidixic Acid

Dehydrated selective culture medium base with nalidixic acid for isolation of gram-positive bacteria, especially *Streptococcus* species, *Listeria*, etc

Ordering Information

Catalog #	Description
64534	**Blood Agar Base + Nalidixic Acid**, 500 g

Columbia Agar

Columbia Agar + 5% Sheep Blood

Non-selective isolation medium used to facilitate the growth of fastidious microorganisms commonly encountered in all types of clinical specimens.

The presence of sheep blood enables the demonstration of haemolytic reaction.

Columbia CNA Agar + 5% Sheep Blood

Selective isolation medium used to facilitate the growth of Gram-positive fastidious microorganisms commonly encountered in polymicrobial clinical specimens, such as genital tract or oropharyngeal specimens.

The presence of sheep blood enables the demonstration of haemolytic reactions.

Columbia Agar

Rich non-selective isolation medium used for the primary culture of microorganisms, especially the fastidious bacteria (in particular *Brucella abortus*, *Yersinia pestis*, and *Clostridium perfringens*) commonly encountered in all types of specimens (i.e. oropharyngeal specimens, stools, urine, etc.).

It can be supplemented with fresh horse blood or cooked blood (Chocolate agar) to enable demonstration of haemolytic reactions of certain species of bacteria.

Ordering Information

Catalog #	Description
63784	**Columbia Agar + 5% Sheep Blood**, 20 plates of 90 mm
12016409*	**Columbia Agar + 5% Sheep Blood**, 100 plates of 90 mm
63954	**Columbia Agar + 5% Sheep Blood + CNA**, 20 plates of 90 mm
63953*	**Columbia CNA Agar + 5% Sheep Blood**, 100 plates of 90 mm
64674	**Columbia Agar**, 500 g
64678	**Columbia Agar**, 5 kg

** Special ordering available upon request.*

Chocolate Agar + Supplements

Chocolate Agar PVS

Rich non-selective isolation medium to facilitate the growth of fastidious microorganisms especially neisseriae (in particular *N. gonorrhoeae* and *N. meningitidis*) and *Haemophilus*, commonly encountered in all types of clinical specimens.

Chocolate Agar PVS Bacitracine

Rich selective medium used to facilitate the growth of *Haemophilus* bacteria, encountered in all types of polymicrobial clinical specimens, such as bronchopulmonary secretions, ear, nose and throat (ENT) samples, cerebrospinal fluid, blood cultures, urines.

Chocolate Agar PVS VCAT

Rich selective isolation medium to facilitate the growth of neisseriae (in particular *N. gonorrhoeae* and *N. meningitidis*), encountered in all types of polymicrobial clinical specimens, such as oropharyngeal specimens, bronchopulmonary secretions, ear, nose and throat (ENT) samples, cerebrospinal fluid, blood cultures, urines.

Ordering Information

Catalog #	Description
63934	**Chocolate Agar PVS**, 20 plates of 90 mm
63935	**Chocolate Agar PVS (Polyvitaminic Supplement)**, 100 plates of 90 mm
63947	**Chocolate Agar PVS Bacitracine**, 20 plates of 90 mm
63945	**Chocolate Agar PVS VCAT**, 20 plates of 90 mm

Diluents

Water, Saline 0.9%

Saline solution of 0.9% NaCl.

Water, Sterile and Distilled

Sterile distilled water.

Ordering Information

Catalog #	Description
54164	**Water, Saline 0.9%**, 25 tubes of 9 mL
54154	**Water, Sterile and Distilled**, 25 tubes of 9 mL

Dehydrated Media & Supplements

Bio-Rad provides a range of conventional agar culture media designed for recovery and growth of pathogenic microorganisms from clinical specimens in dehydrated format.

Contact your Bio-Rad representative to get the Dehydrated Media Flyer (16308)

Antimicrobial Susceptibility Media

Mueller-Hinton Agar

Non-selective culture medium used for antimicrobial susceptibility testing, as standardized by the Clinical and Laboratory Standards Institute (CLSI) and the European Committee on Antimicrobial Susceptibility Testing (EUCAST) methods. Mueller-Hinton agar is recommended for the determination of the antimicrobial susceptibility of rapidly growing aerobic bacteria while supplemented formulas are recommended for fastidious bacteria.

Ordering Information

Catalog #	Description
64884	**Mueller-Hinton Agar**, 500 g
64888	**Mueller-Hinton Agar**, 5 kg

Non-Selective Media

Columbia Agar

Culture medium base for isolation and growth of fastidious microorganisms.

T.C.S. Agar

Non-selective rich isolation medium used to facilitate the growth of fastidious microorganisms (streptococci, *Neisseria*, *Brucella*, corynebacteria, etc.) encountered in all types of clinical specimens.

When supplemented with 5% serum and 0.5% potassium tellurite, T.C.S. agar can be used as a transport medium for all types of specimens (eye, throat swabs, etc.), allowing demonstration of streptococci, *Corynebacterium diphtheriae*, and possibly *Candida albicans*.

When supplemented with 5% cooked horse blood, T.C.S. agar can be used as a Chocolate agar for the isolation of *Neisseria* and *Haemophilus*.

UriSelect4 Agar

Non-selective chromogenic agar medium for the isolation, differentiation, and enumeration of urinary tract pathogens.

- Results interpretation after 18-24 hours incubation
- Direct identification of *Escherichia coli*, *Enterococcus* spp. and *Proteus mirabilis*
- Presumptive identification of KESC group *Enterobacteria* (*Klebsiella, Enterobacter*, *Serratia*, and *Citrobacter*) and PMP (*Proteus-Morganella-Providencia*) group (confirmation by indole test)
- Direct visual differentiation of colonies based on colors

Ordering Information

Catalog #	Description
64674	**Columbia Agar**, 500 g
64678	**Columbia Agar**, 5 kg
64554	**T.C.S. Agar**, 500 g
64694	**UriSelect4**, 500 g
64558*	**T.C.S. Agar**, 5 kg

** Special ordering available upon request.*

***Related Products**: Kovacs Reagent.*

MacConkey Agar + Crystal Violet

MacConkey Agar + Crystal Violet

Selective isolation medium used to facilitate the growth of Gram-negative enteric bacteria (*Enterobacterales*) commonly encountered in all types of clinical specimens.

The presence of lactose enables the demonstration of its fermentation reaction.

Ordering Information

Catalog #	Description
69084	**MacConkey Agar + Crystal Violet**, 500 g

Salmonella-Shigella Media

Salmonella-Shigella Agar

Selective differential medium used to facilitate the growth of *Salmonella* and some *Shigella* species commonly encountered in clinical specimens.

Ordering Information

Catalog #	Description
64514	***Salmonella-Shigella* Agar**, 500 g

Streptococci Media

B.E.A. Agar

Selective medium used for the primary culture and differentiation of Lancefield group D bacteria (enterococci, *Streptococcus bovis/ Streptococcus equinus* complex) commonly encountered in clinical specimens, in particular stools.

Blood Agar Base + Nalidixic Acid

Selective culture medium base with nalidixic acid for isolation of Gram-positive bacteria, especially streptococci species, *Listeria*, etc.

Brain Heart Infusion Agar

Rich dehydrated culture medium for growth of a wide variety of microorganisms, especially fastidious species.

Columbia Agar

Culture medium base for isolation and growth of fastidious microorganisms.

Ordering Information

Catalog #	Description
64184	**B.E.A. Agar**, 500 g
64534	**Blood Agar Base + Nalidixic Acid**, 500 g
64174	**Brain Heart Infusion Agar**, 500 g
64674	**Columbia Agar**, 500 g
64678	**Columbia Agar**, 5 kg

Mycobacteria

Loewenstein-Jensen Agar

Selective rich isolation medium used as an aid in the diagnosis of mycobacterial diseases by facilitating the growth of mycobacteria, in particular *M. tuberculosis* and atypical mycobacteria, from pathological clinical specimens such as sputum. It is widely recommended for tuberculosis culture by the WHO.

This medium can also be used to subculture and preserve bacillary strains. It also can be used to subculture mycobacterial strains in order to obtain pure cultures and then to determine the susceptibility profile of mycobacteria to specific antibiotics.

Coletsos Medium

Rich selective medium, designed for isolation and abundant growth of particularly fastidious mycobacteria, and more specifically indicated for surface culture under strict aerobic conditions.

Ordering Information

Catalog #	Description
55244	**Loewenstein-Jensen Agar**, 25 slanted tubes of 7 mL
53154	**Coletsos Medium**, 25 tubes x 7 mL (screw cap)

Non-Selective Culture Media & Supplements

Contact your Bio-Rad representative to get the Ready-to-Use Culture Media Brochure (16262)

Conventional Media

Brain Heart Infusion Broth

Enriched liquid medium used to facilitate the growth of a wide variety of microorganisms, regardless of their respiratory mode (aerobic or anaerobic), non-fastidious and fastidious bacteria (such as streptococci, including *S. pneumoniae*; *Neisseria meningitidis*…), yeasts and moulds, encountered in all types of clinical specimens.

Chocolate Agar PVS (Polyvitaminic Supplement)

Rich non-selective isolation medium used to facilitate the growth of fastidious microorganisms especially neisseriae (in particular *N. gonorrhoeae* and *N. meningitidis*) and *Haemophilus*, commonly encountered in all types of clinical specimens.

Columbia Agar + 5% Sheep Blood

Non-selective isolation medium to facilitate the growth of fastidious microorganisms commonly encountered in all types of clinical specimens.
The presence of sheep blood enables the demonstration of haemolytic reaction.

Columbia Agar

Rich non-selective isolation medium used as an aid in the diagnosis of infectious diseases by the primary culture of microorganisms, especially the fastidious bacteria (in particular *Brucella abortus*, *Yersinia pestis*, and *Clostridium perfringens*) commonly encountered in all types of specimens (i.e. oropharyngeal specimens, stools, urine, etc.).
It can be supplemented with fresh horse blood or cooked blood (Chocolate agar) to enable demonstration of haemolytic reactions of bacteria.

Nutrient Agar 2.8% (with NaCl)

Culture medium for growth of non-fastidious bacteria.

Peptone Water Indole Free

Culture medium for the growth of non-fastidious microorganisms used for performing carbohydrate fermentation and indole tests.

Stock Culture Agar

Non-selective culture medium used for the storage of isolated non-fastidious bacterial strains (such as Enterobacterales, *Pseudomonadaceae*, *Acinetobacter*, staphylococci and streptococci).

Sven Gard Agar

Selective rich medium used for the identification of *Salmonella* serovars by revealing the inapparent H antigen phase of isolated biphasic *Salmonella* strains.

T.C.S. Agar

Non-selective rich isolation medium used to facilitate the growth of fastidious microorganisms (streptococci, *Neisseria, Brucella*, corynebacteria, etc.) encountered in all types of clinical specimens.
When supplemented with 5% serum and 0.5% potassium tellurite, T.C.S. agar can be used as a transport medium for all types of specimens (eye, throat swabs, etc.), allowing demonstration of streptococci, *Corynebacterium diphtheriae*, and possibly *Candida albicans*.
When supplemented with 5% cooked horse blood, T.C.S. agar can be used as a Chocolate agar for the isolation of *Neisseria* and *Haemophilus*.

T.C.S. Broth

Non-selective isolation broth used to subculture or for the primary culture of facultative anaerobic bacteria. It is recommended by the French, European and United States Pharmacopoeias for sterility tests for the monitoring of pharmaceutical products.
Under aerobic conditions, this broth enables the growth of several fungi such as *Candida albicans*.

Ordering Information

Catalog #	Description
53664	**Brain Heart Infusion Broth**, 25 tubes x 10 mL
63934	**Chocolate Agar PVS (Polyvitaminic Supplement)**, 20 plates of 90 mm
63935*	**Chocolate Agar PVS (Polyvitaminic Supplement)**, 100 plates of 90 mm
64674	**Columbia Agar**, 500 g
64678	**Columbia Agar**, 5 kg
63784	**Columbia Agar + 5% Sheep Blood**, 20 plates x 90 mm
63683	**Stock Culture Agar**, 50 tubes of 3 mL
53430	**Sven Gard Agar**, 25 tubes of 25 mL
63884	**T.C.S. Agar**, 20 plates of 90 mm
64554	**T.C.S. Agar**, 500 g
64558*	**T.C.S. Agar**, 5 kg
53454	**T.C.S. Broth**, 25 tubes of 10 mL

** Special ordering available upon request.*

***Related Products**: Packaging for Transport of Infectious Substances.*

Chromogenic Media

UriSelect4 Agar

Dehydrated non-selective chromogenic agar medium for the isolation, differentiation and enumeration of urinary tract pathogens.

- Results interpretation after 18-24 hours incubation
- Direct identification of *Escherichia coli*, *Enterococcus* spp. and *Proteus mirabilis*
- Presumptive identification of KESC group *Enterobacteria* (*Klebsiella, Enterobacter*, *Serratia*, and *Citrobacter*) and PMP (*Proteus-Morganella-Providencia*) group (confirmation by indole test)
- Direct visual differentiation of colonies based on colors
- β LACTA and β CARBA Tests can be used from suspicious colonies to detect the resistance mechanisms

Contact your Bio-Rad representative to get the UriSelect4 Agar Brochure (16364)

Contact your Bio-Rad representative to get the UriSelect4 Agar Poster (16387)

Bacteriological Urinalysis Workflow Video

Ordering Information

Catalog #	Description
63726	**UriSelect4**, 20 plates of 90 mm
63727	**UriSelect4**, 100 plates of 90 mm
64694	**UriSelect4**, 500 g
12013236*	**UriSelect4**, 5 kg

** Special ordering available upon request.*

***Related Products**: Kovacs Reagent, β LACTA and β CARBA Tests.*

Selective Culture Media

Contact your Bio-Rad representative to get the Ready-to-Use Culture Media Brochure (16262)

Arginine Broth

Freeze-dried medium for *Mycoplasma hominis* (inoculum for Bio-Rad S.I.R. Mycoplasma).

B.E.A. Agar

Selective medium used for the primary culture and differentiation of Lancefield group D bacteria (enterococci, *Streptococcus bovis/ Streptococcus equinus* complex) commonly encountered in clinical specimens, in particular stools.

Butzler Agar

Selective medium used as an aid in the diagnosis of diarrheal diseases in stool specimens for any patient with clinical symptoms of gastroenteritis. It enables the growth of *Campylobacter* species, of which the most frequently reported in human diseases are *C. jejuni* (subspecies *jejuni*) and *C. coli*.

Chocolate Agar PVS Bacitracine

Rich selective medium used to facilitate the growth of *Haemophilus* bacteria, encountered in all types of polymicrobial clinical specimens, such as bronchopulmonary secretions, ear, nose and throat (ENT) samples, cerebrospinal fluid, blood cultures, urines.

Chocolate Agar PVS VCAT

Rich selective isolation medium used to facilitate the growth of neisseriae (in particular *N. gonorrhoeae* and *N. meningitidis*), encountered in all types of polymicrobial clinical specimens, such as oropharyngeal specimens, bronchopulmonary secretions, ear, nose and throat (ENT) samples, cerebrospinal fluid, blood cultures, urines.

Columbia CNA Agar + 5% Sheep Blood

Selective isolation medium used to facilitate the growth of Gram-positive fastidious microorganisms commonly encountered in polymicrobial clinical specimens, such as genital tract or oropharyngeal specimens. The presence of sheep blood enables the demonstration of haemolytic reactions.

Hypertonic Broth

Selective broth medium used to facilitate the growth of *Enterococcus* species commonly encountered in clinical specimens.

Kligler-Hajna Agar

Selective culture medium for identification of *Enterobacteriaceae* based on dextrose and lactose fermentation and H2S production.

Loewenstein-Jensen Agar

Selective rich isolation medium used to facilitate the growth of mycobacteria, in particular *M. tuberculosis* and atypical mycobacteria, from pathological clinical specimens such as sputum. It is widely recommended for tuberculosis culture by the WHO. This medium can also be used to subculture and preserve bacillary strains. It also can be used to subculture mycobacterial strains in order to obtain pure cultures and then to determine the susceptibility profile of mycobacteria to specific antibiotics.

MacConkey Agar + Crystal Violet

Selective isolation medium used to facilitate the growth of Gram-negative enteric bacteria (Enterobacterales) commonly encountered in all types of clinical specimens.
The presence of lactose enables the demonstration of its fermentation reaction.

Selenite Cystine Broth

Selective enrichment broth used to facilitate the growth of *Salmonella* species commonly encountered in clinical specimens. It is also recommended for the primary culture of pathological specimens such as stools.

Salmonellla-Shigella Agar

Selective differential medium used to facilitate the growth of *Salmonella* and some *Shigella* species commonly encountered in clinical specimens.

U_9 Urea Broth

Freeze-dried urea broth to reconstitute for growth of *Ureaplasma*.

XLD Agar

Xylose Lysine Deoxycholate agar for the isolation and differentiation of enteric bacilli, especially *Shigella* and *Salmonella* species.

Ordering Information

Catalog #	Description
62763*	**Arginine Broth**, Ampules 10 x 2 mL
63994	**B.E.A. Agar**, 20 plates of 90 mm
64184	**B.E.A. Agar**, 500 g
63512	**Butzler Agar**, 20 plates of 90 mm
63947	**Chocolate Agar PVS Bacitracine**, 20 plates of 90 mm
63945	**Chocolate PVS VCAT**, 20 plates of 90 mm
63954	**Columbia CNA Agar + 5% Sheep Blood**, 20 plates of 90 mm
63953	**Columbia CNA Agar + 5% Sheep Blood**, 100 plates of 90 mm
53384	**Hypertonic Broth**, 25 tubes of 9 mL
55378	**Kligler-Hajna Agar**, 25 slanted tubes x 10 mL
55244	**Loewenstein-Jensen Agar**, 25 slanted tubes of 7 mL
63617	**MacConkey Agar + Crystal Violet**, 20 plates of 90 mm
69084	**MacConkey Agar + Crystal Violet**, 500 g
55746	**Selenite Cystine Broth**, 25 tubes of 10 mL
63814	***Salmonella-Shigella* Agar**, 20 plates of 90 mm
64514	***Salmonella-Shigella* Agar**, 500 g
62762*	**U9 Urea Broth**, 10 ampules x 2 mL
3541751	**XLD Agar**, 20 plates of 90 mm

***Related Products**: S.I.R. Mycoplasma Kit*, Mycoplasma Duo Kit, Salmonella Antisera*, Shigella Antisera, UriSelect4 Agar.*

** Non CE-Marked.*