# PREPARED CULTURE MEDIA

HARDY DIAGNOSTICS

*A Culture of Service™*

091420ss

# PREPARED CULTURE MEDIA




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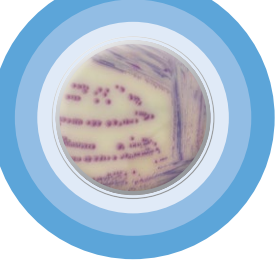
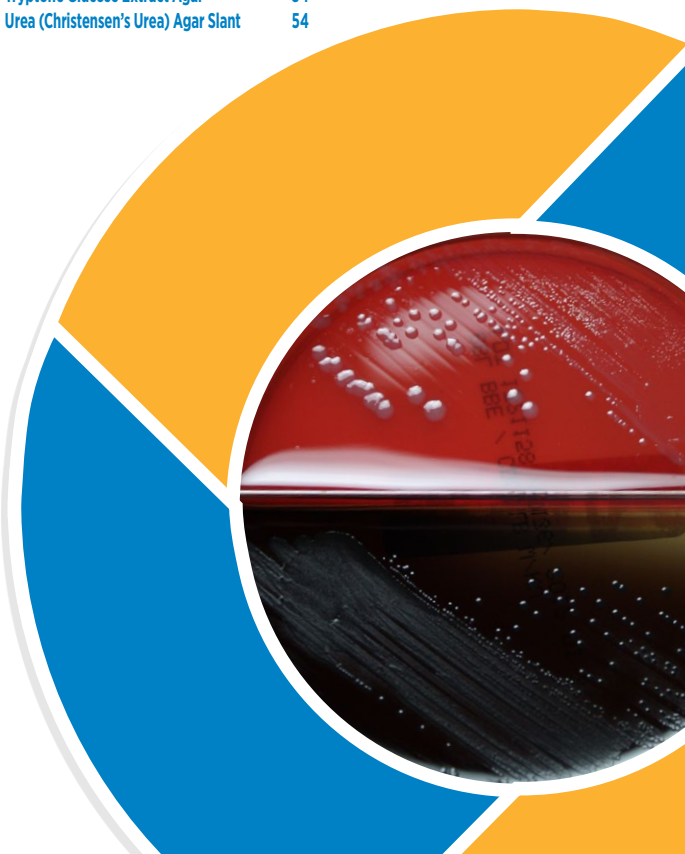
Phoenix, Arizona
Dallas, Texas
Springboro, Ohio
Lake City, Florida
Albany, New York
Raleigh, North Carolina


The Quality Management System at the Hardy Diagnostics manufacturing facility is certified to ISO 13485.

bsi. ISO 13485 Medical Devices Quality Management

FM 572526





# PREPARED MEDIA

### SELECTION

Since 1980, Hardy Diagnostics has grown to manufacture an extensive selection of prepared media products which are packaged in plates, tubes, bottles, bags, and flasks.

### QUALITY CONTROL PROGRAM

Hardy products go through rigorous and extensive QC testing and lot specific Certificates of Analysis are available at HardyDiagnostics.com.

### GUARANTEED DATING

We provide at least one month of shelf life on most products.

### TECHNICAL ASSISTANCE

Instructions for Use (IFU) are available for all products through our web catalog. Experienced Medical Technologists and microbiologists are available for personalized assistance.

### SAME DAY SHIPPING

Orders placed before 1:30pm PST are processed and shipped out the same day. Most of our customers receive their orders the following morning.

## *Call us at 800.266.2222*

When you need something special.

# CUSTOM MEDIA

For over 37 years Hardy Diagnostics has worked with its laboratory partners to manufacture custom culture media. Whether for specialized formulations, containers, or packaging, Hardy Diagnostics is ready to assist you with your specific needs.

The Quality Management System at Hardy Diagnostics is ISO 13485 certified and is licensed by the FDA as an "*In vitro* Medical Device Manufacturer," which ensures the highest standards of quality for our customers.

# anaeroGRO™

Pre-Reduced Anaerobic Culture Media


**AnaeroGRO™ plates** are pre-reduced and packaged in an oxygen barrier mylar pouch that has been flushed with oxygen-free gas. In addition, each pouch contains an oxygen scavenger sachet and a desiccant to control excess condensation.

- Pre-reduced (ready-to-use) culture media packaged in oxygen-free, gas-flushed foil pouches
- Contains an oxygen scavenger sachet and a moisture absorbing desiccant packet
- Foil pouches with easy-to-open, pre-scored notch
- Wide variety of packaging combinations available: monoplates, biplates, and primary set-up combinations
- Room temperature storage
- Quality Control tested for reliable and reproducible results
- Exceptional growth and performance characteristics compared to other brands
- Manufactured in an ISO 13485 certified facility
- Competitive pricing, quality products, and exceptional service and support

- See the Instructions For Use (IFU) online for the complete procedure with color photos.
- Remember that Hardy offers all your anaerobic bacteriology supplies:
  - Gas generators
  - Jars
  - Pouches
  - Indicators
  - ID reagents and disks

Visit our website at HardyDiagnostics.com

anaeroGRO™
Pre-Reduced Anaerobic Culture Media

# COMBINATION PACKS

***Bacteroides fragilis*** **growing on Anaerobic PEA, Cat. no. A90.**

## AnaeroGRO™ DuoPak A

(2 plates per pouch)

➡ Brucella with Hemin and Vitamin K Monoplate

➡ BBE/LKV Biplate

For the cultivation and differentiation of anaerobic bacteria

**Monoplate: Brucella with Hemin and Vitamin K Monoplate** Recommended for use in the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms.

**Biplate: BBE/LKV**

**Section I:** BBE Agar is an enriched, selective, and differential medium recommended for the isolation and presumptive identification of obligately anaerobic Gram-negative bacilli of the *Bacteroides fragilis* group and *Bilophila* spp.

**Section II:** LKV Agar is recommended for use in the selective isolation and partial identification of obligately anaerobic Gram-negative bacilli, such as *Prevotella* spp. and *Bacteroides* spp.

15x100mm plate,
2 plates/mylar pouch AG302

## AnaeroGRO™ DuoPak B

(2 plates per pouch)

➡ Brucella with Hemin and Vitamin K Monoplate

➡ BBE/PEA Biplate

For the cultivation and differentiation of anaerobic bacteria

**Monoplate: Brucella with Hemin and Vitamin K** Recommended for use in the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms.

**Biplate: BBE/PEA**

**Section I:** BBE Agar is an enriched, selective, and differential medium recommended for the isolation and presumptive identification of obligately anaerobic Gram-negative bacilli of the *Bacteroides fragilis* group and *Bilophila* spp.

**Section II:** Recommended for use as an enriched and selective medium for the cultivation and selective isolation of Gram-positive and negative obligate anaerobic bacteria.

15x100mm plate,
2 plates/mylar pouch AG312

# PRE-REDUCED PLATES

## AnaeroGRO™ BBE Agar
(Bacteroides Bile Esculin)

An enriched, selective, and differential medium recommended for the isolation and presumptive identification of obligately anaerobic Gram-negative bacilli of the *Bacteroides fragilis* group and *Bilophila* spp.
15x100mm plate,
1 plate/mylar pouch AG051

## AnaeroGRO™ BBE/LKV
(Bacteroides Bile Esculin Agar/Brucella Agar with Laked Sheep Blood, Kanamycin, and Vancomycin)

**Section I:** BBE Agar is an enriched, selective, and differential medium recommended for the isolation and presumptive identification of obligately anaerobic Gram-negative bacilli of the *Bacteroides fragilis* group and *Bilophila* spp.

**Section II:** LKV Agar is recommended for use in the selective isolation and partial identification of obligately anaerobic Gram-negative bacilli, such as *Prevotella* spp. and *Bacteroides* spp.
15x100mm biplate,
1 plate/mylar pouch AG061

## AnaeroGRO™ Brucella Agar
(Brucella with Hemin and Vitamin K, Anaerobe)

For use in the primary isolation, quantitation, and identification of obligately anaerobic microorganisms. The medium is also suitable for the growth of aerobic and microaerophilic bacteria when incubated under the appropriate conditions.
15x100mm plate:
1 plate/mylar pouch AG301
4 plates/mylar pouch AG304

## AnaeroGRO™ Campylobacter Selective Agar

Recommended for the selective isolation of *Campylobacter jejuni* subsp. *jejuni*, growth of normal fecal flora is inhibited on this medium.
15x100mm plate,
1 plate/mylar pouch AG701

## AnaeroGRO™ CCFA
(Cycloserine-Cefoxitin Fructose Agar)

An enriched selective and differential medium recommended for the cultivation and isolation of *Clostridium difficile,* a recognized cause of intestinal infections and *Pseudomembranous colitis* following antibiotic therapy.
15x100mm plate,
1 plate/mylar pouch AG501


## AnaeroGRO™ Egg Yolk Agar, Modified

An enriched, non-selective, differential medium recommended for use in the detection of lecithinase and lipase production; proteolytic activity of certain obligate anaerobes; and, presumptive identification of various *Clostridium, Fusobacterium*, and *Prevotella* spp. Modified Egg Yolk Agar is also used in the Nagler Test for the presumptive identification of *Clostridium perfringens.*
15x100mm plate,
1 plate/mylar pouch AG401

## AnaeroGRO™ LKV Agar
(Laked Blood with Kanamycin and Vancomycin)

Recommended for use in the selective isolation and partial identification of obligately anaerobic Gram-negative bacilli, such as *Prevotella* spp. and *Bacteroides* spp.
15x100mm plate,
1 plate/mylar pouch AG601

## AnaeroGRO™ PEA
(Phenylethyl Alcohol Agar)

For use as an enriched and selective medium for the cultivation and selective isolation of Gram-positive and negative obligate anaerobic bacteria. It is useful in isolating obligate anaerobes from mixed flora by inhibiting Gram-negative facultative anaerobes and controls for swarming organisms.
15x100mm plate,
1 plate/mylar pouch AG901

# anaeroGRO™ PRE-REDUCED PLATES

Pre-Reduced Anaerobic Culture Media

## AnaeroGRO™ MultiPak A

(3 plates per pouch)

- Brucella with Hemin and Vitamin K Monoplate
- Phenylethyl Alcohol Monoplate
- Bacteroides Bile Esculin Agar/Laked Blood with Kanamycin Vancomycin Biplate

**Monoplate: AnaeroGRO™ Brucella Agar with Hemin and Vitamin K** Recommended for use in the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms from clinical specimens. The medium is also suitable for the growth of aerobic and microaerophilic bacteria when incubated under the appropriate conditions.

**Monoplate: AnaeroGRO™ Anaerobic PEA Agar** Recommended for use as an enriched and selective medium for the cultivation and selective isolation of Gram-positive and negative obligate anaerobic bacteria. It is useful in isolating obligate anaerobes from mixed flora, by inhibiting Gram-negative facultative anaerobes and the control of swarming organisms.

**Biplate: AnaeroGRO™ BBE/LKV**

**Section I:** AnaeroGRO™ BBE Agar is an enriched, selective, and differential medium recommended for the rapid isolation and presumptive identification of obligately anaerobic Gram-negative bacilli of the *Bacteroides fragilis* group *Bilophila* spp.

**Section II:** AnaeroGRO™ LKV (Laked Blood with Kanamycin and Vancomycin) Agar is recommended for use in the selective isolation and partial identification of obligately anaerobic Gram-negative bacilli, such as *Prevotella* spp. and *Bacteroides* spp.

15x100mm plate,
3 plates/mylar pouch AG303

## AnaeroGRO™ MultiPak B

(3 plates per pouch)

- Brucella with Hemin and Vitamin K Monoplate
- Laked Blood with Kanamycin and Vancomycin Monoplate
- Phenylethyl Alcohol Monoplate

**Monoplate: AnaeroGRO™ Brucella Agar with Hemin and Vitamin K** Recommended for use in the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms from clinical specimens. The medium is also suitable for the growth of aerobic and microaerophilic bacteria when incubated under the appropriate conditions.

**Monoplate: AnaeroGRO™ LKV Agar** Recommended for use in the selective isolation and partial identification of obligately anaerobic Gram-negative bacilli, such as *Prevotella* spp. and *Bacteroides* spp.

**Monoplate: AnaeroGRO™ Anaerobic PEA** Recommended for use as an enriched and selective medium for the cultivation and selective isolation of Gram-positive and negative obligate anaerobic bacteria. It is useful in isolating obligate anaerobes from mixed flora, by inhibiting Gram-negative facultative anaerobes and the control of swarming organisms.

15x100mm plate,
3 plates/mylar pouch AG313

# anaero$_2$GRO™ TUBES

Pre-Reduced Anaerobic Culture Media

### AnaeroGRO™ Chopped Meat Broth

Recommended for the cultivation of aerobic, microaerophilic, and anaerobic microorganisms, especially *Clostridium* spp.
16x125mm glass tube,
needle port hungate cap, 9ml fill,
20/pk AG21H

### AnaeroGRO™ Chopped Meat Carbohydrate Broth

Recommended for the cultivation of aerobic, microaerophilic, and anaerobic microorganisms, especially *Clostridium* spp.
16x125mm glass tube,
needle port hungate cap, 9ml fill,
20/pk AG20H

### AnaeroGRO™ Chopped Meat Glucose Broth

Recommended for the cultivation of aerobic, microaerophilic, and anaerobic microorganisms, especially *Clostridium* spp.
16x125mm glass tube,
needle port hungate cap, 9ml fill,
20/pk AG19H

### AnaeroGRO™ Thioglycollate with Hemin and Vitamin K (H and K), without Indicator

Recommended for the cultivation of aerobic, microaerophilic, and anaerobic microorganisms.
16x125mm glass tube,
needle port hungate cap, 7ml fill,
20/pk AG23H

16x125mm glass tube,
needle port hungate cap, 9ml fill,
20/pk AG22H

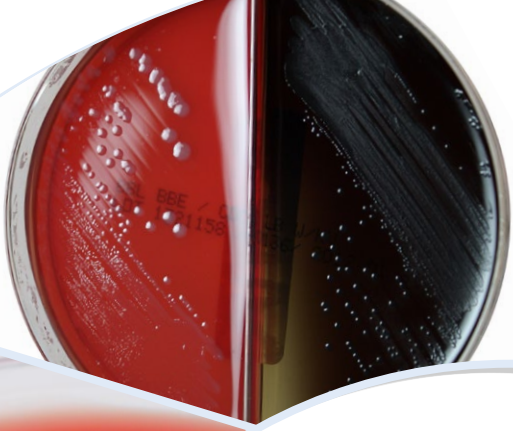

AnaeroGRO™ Chopped Meat Broth, Cat. no. AG21H

# ANAEROBE JAR



Cat. no. 16000

# PREPARED CULTURE MEDIA

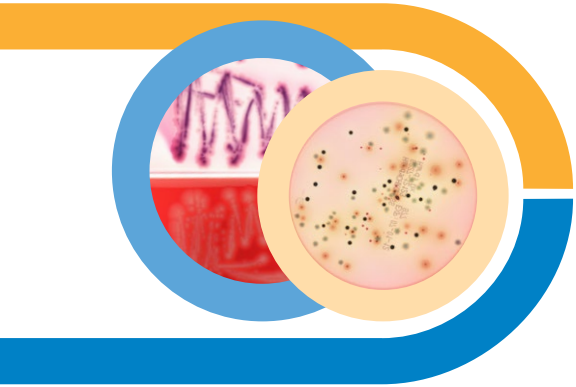


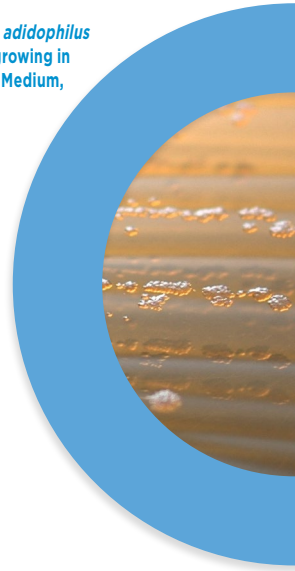
*Bacteroides fragilis* on BBE/LKV Biplate, Cat. no. J102.

BE Agar with Azide/CNA Biplate, Cat. no. J66.

*Staphylococcus aureus* growing on Baird Parker Agar, Cat. no. G96.


*Legionella bozemanii* (ATCC® 33217) colonies growing on BCYE Selective Agar under UV light, Cat. no. G08.





***Lactobacillus adidophilus*** **(ATCC® 314) growing in Barney Miller Medium, Cat. no. G93.**

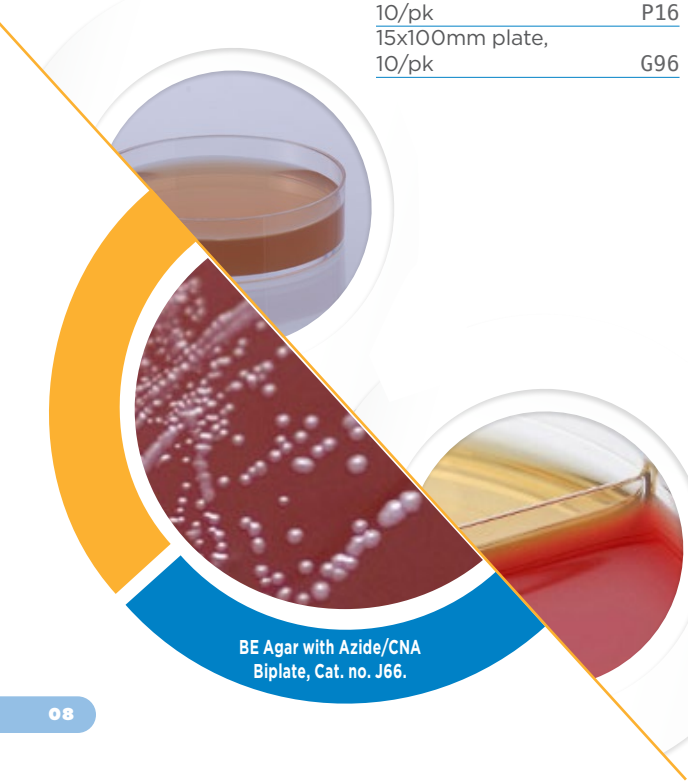
### Anaerobic PEA
(Phenylethyl Alcohol)
For the isolation of anaerobic bacteria; CDC formula with phenylethanol, 5% sheep blood, hemin, and vitamin K.
15x100mm plate,
10/pk A90

### Baird-Parker Agar
For the selective isolation and enumeration of coagulase positive staphylococci.
Contact plate,
10/pk P16
15x100mm plate,
10/pk G96

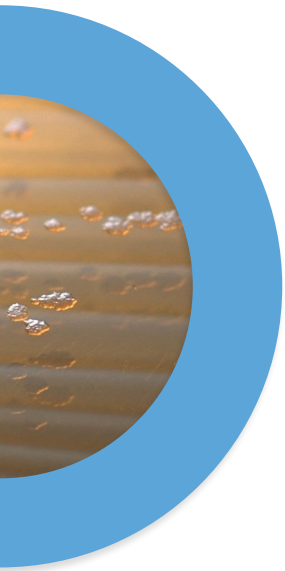
### Barney Miller Medium
For the determination and identification of beer spoilage microorganisms.
15x60mm plate,
10/pk G93

### BBE Agar
(Bacteroides Bile Esculin)
For the isolation and presumptive identification of the *Bacteroides fragilis* group; for pre-reduced ready-to-use media.
*(See AnaeroGRO™, page 02)*
15x100mm plate,
10/pk G05

### BBE Agar/PEA Agar
Bacteroide Bile Esculin (BBE) Agar/Anaerobic Phenylethyl Alcohol (PEA) Agar
**Section I:** BBE is recommended for use in the rapid isolation and presumptive identification of *Bacteroides fragilis* group.
**Section II:** PEA is recommended for use as an enriched medium for the cultivation and selective isolation of gram-positive and negative obligate anaerobic bacteria.
15x100mm biplate,
10/pk J122



**BE Agar with Azide/CNA Biplate, Cat. no. J66.**



## BBE/LKV Biplate

(Bacteroides Bile Esculin/Laked Blood, Kanamycin, Vancomycin)

**Section I:** BBE is recommended for use in the rapid isolation and presumptive identification of *Bacteroides fragilis* group.

**Section II:** Recommended for use as an enriched medium for the cultivation and selective isolation of Gram-positive and negative obligate anaerobic bacteria.

15x100mm biplate,
10/pk J102

## BCSA, USP

(Burkholderia cepacia Selective Agar)

For the selective isolation and differentiation of *Burkholderia* (*Pseudomonas*) *cepacia.*
15x100mm plate,
10/pk G09

## BCYE Agar

(Buffered Charcoal Yeast Extract)

For the cultivation of *Legionella* spp.
15x100mm plate,
10/pk G07

## BCYE Selective Agar with CAV

(Buffered Charcoal Yeast Extract Agar with Colistin, Anisomycin, and Vancomycin)

For the selective isolation of *Legionella* spp.
15x100mm plate,
10/pk G08

## BCYE Selective Agar with CCVC

(Buffered Charcoal Yeast Extract Agar with Cephalothin, Colistin, Vancomycin, and Cycloheximide)

For the selective isolation and cultivation of *Legionella.*
15x100mm plate,
24ml deep fill, 10/pk G170

## BCYE with DGVP

(Buffered Charcoal Yeast Extract Agar with Dyes, Glycine, Vancomycin, and Polymyxin B)

For use in the cultivation and primary isolation of *Legionella* spp.
15x100mm plate,
10/pk G209

## BCYE Selective Agar with GVPC

(Buffered Charcoal Yeast Extract Agar with Glycine, Vancomycin, Polymyxin, and Cycloheximide)

For the selective isolation of *Legionella* spp.
15x100mm plate,
26ml deep fill,
10/pk W169

## BE Agar

(Bile Esculin)

For the cultivation and differentiation of group D streptococci and enterococci; inhibits Gram-negative bacteria.
15x100mm plate,
10/pk G12
16x100mm glass tube,
5.5ml slant,
20/pk L10

## BE Agar with Azide

(Bile Esculin)

For the differentiation of group D streptococci and enterococci.
15x100mm plate,
10/pk G11

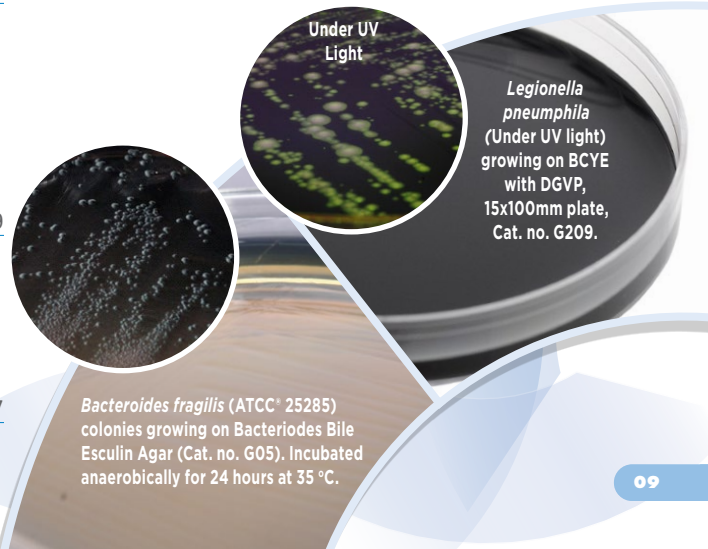
## BE Agar with Azide/CNA Biplate

(Bile Esculin Agar with Azide/Columbia Agar with 5% Sheep Blood, Colistin, and Nalidixic Acid)

**Section I:** BE with Azide Media are recommended for the isolation and differentiation of group D streptococci from non-group D streptococci.

**Section II:** CNA Agar is recommended for use as a selective growth medium for the isolation and differentiation of Gram-positive cocci.

15x100mm biplate,
10/pk J66



Yeast growing on BiGGY Agar, Cat. no. G17.

*Enterococcus faecalis* (ATCC™ 51299) growing on BHI Agar with Vancomycin, Cat. no. G14.

## BG Agar

(Brilliant Green)

For the isolation of *Salmonella* spp. other than *Salmonella enterica* and *Salmonella paratyphi.*

| | |
|---|---|
| 15x100mm plate, 10/pk | G75 |

## BG Agar with Novobiocin

(Brilliant Green)

For the selective isolation and differentiation of *Salmonella* spp.; BG Agar contains 20µg/ml Novobiocin.

| | |
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| 15x100mm plate, 10/pk | G175 |

## BG Bile Broth with Durham Tube

(Brilliant Green)

For the detection of coliforms, contains Durham tube for gas detection.

| | |
|---|---|
| 16x125mm glass tube, 10ml fill, 20/pk | K66 |
| 20x125mm glass tube, 13ml fill, 20/pk | K09 |

## BHI Agar

(Brain Heart Infusion)

For the cultivation of microorganisms.

**Plate**

| | |
|---|---|
| 15x100mm, 26ml deep fill, 10/pk | W15 |
| 25x100mm, 60ml deep fill, 5/pk | W163 |

**Tube,**

| | |
|---|---|
| 16x100mm glass, 5.5ml slant, 20/pk | L36 |
| 20x125mm glass, 10ml slant, 20/pk | L35 |

**Flask**

| | |
|---|---|
| HardyFlask™, 12ml slant, 20/pk | X10 |

## BHI Agar with Blood

(Brain Heart Infusion)

For the cultivation of microorganisms.

| | |
|---|---|
| 15x100mm plate, 10/pk | A20 |
| 25x100mm plate, 37ml deep fill, 50/pk | W185BX |
| 20x125mm glass tube, 10ml slant, 20/pk | L31 |
| HardyFlask™, 12ml slant, 20/pk | X13 |

Brilliant Green Agar with Novobiocin, Cat. no. G175.

*Escherichia coli* (ATCC® 25922) growing in Brilliant Green Bile Broth, Cat. no. K09.

BHI Agar with Blood, 50ml HardyFlask™, slant, 12ml fill, Cat. no. X13.

BHI Agar with Chloramphenicol and Cycloheximide, Cat. no. X11.

## BHI Agar with Blood and Gentamicin

(Brain Heart Infusion)

For the selective isolation of pathogenic fungi.

HardyFlask™, 12ml slant, 20/pk X12

## BHI Agar, with Blood, Chloramphenicol, and Gentamicin

(Brain Heart Infusion)

For the selective isolation of pathogenic fungi.

15x100mm plate, 26ml deep fill, 10/pk W65

HardyFlask™, 12ml slant, 20/pk X14

## BHI Agar with Chloramphenicol and Cycloheximide

(Brain Heart Infusion)

For the selective isolation of pathogenic fungi.

HardyFlask™, 12ml slant, 20/pk X11

## BHI Agar with Vancomycin

(Brain Heart Infusion)

An agar screen used for detection of VRE *Enterococcus* spp., with 6µg/ml Vancomycin.

15x100mm plate, 10/pk G14

## BHI Broth

(Brain Heart Infusion)

For the cultivation of microorganisms.

**Tubes**

16x125mm glass, 10ml fill, 20/pk K25

16x100mm polycarbonate, 5ml fill, 20/pk K27

13x100mm polycarbonate, 2ml fill, 20/pk R15

## BHI Broth with 5% Fildes Solution

(Brain Heart Infusion)

For the cultivation of fastidious bacteria and capsular strains of *Haemophilus influenzae.*

16x125mm glass tube, 10ml fill, 20/pk K08

## BiGGY Agar

(Nickerson Agar, Bismuth Sulfite, Glucose, Glycine, Yeast)

For the selective isolation and identification of *Candida* spp.

15x100mm plate, 10/pk G17

*(See HardyCHROM Candida™, page 26)*


BHI Broth with 5% Fildes Solution, Cat. no. K08

*Clostridium perfringens* (ATCC® 13124) colonies growing on Brucella Agar with H and K, Cat. no. A30.

Blood Agar, 5% Sheep blood/ EMB Biplate, Cat. no. J22.

## Blood Agar, 5%

Tryptic Soy Agar is a nutritious basal medium with the addition of 5% sheep blood provides an excellent general growth medium.

Contact plate, 10/pk — P33

15x100mm plate, 10/pk — A10

15x100mm plate, 100/pk — A10BX

15x100mm plate, reduced stacking ring, 10/pk — GA10

15x150mm plate, 70ml fill, 10/pk — H28

16x100mm glass tube, 5.5ml slant, 20/pk — L12

## Blood Agar 5%/Blood Agar 5% Biplate

(Tryptic Soy Agar with 5% Sheep Blood)

For the cultivation of microorganisms.

15x100mm biplate, 10/pk — J93

## Blood Agar, 5%/Chocolate Biplate

**Section I:** Blood Agar products are recommended for use as general purpose growth media for the isolation, cultivation, and differentiation of a wide variety of microorganisms.

**Section II:** Chocolate Agar is recommended for use in the isolation and cultivation of fastidious microorganisms, particularly *Haemophilus* and *Neisseria* species.

15x100mm biplate, 10/pk — J42

## Blood Agar 5%/EMB Biplate

(Tryptic Soy Agar with 5% Sheep Blood/Eosin Methylene Blue Agar)

**Section I:** Blood Agar for use as general purpose growth media for the isolation, cultivation, and differentiation of a wide variety of microorganisms.

**Section II:** EMB Agar formulations for use as selective and differential media for the isolation of Gram-negative bacilli (including coliform organisms and enteric pathogens) from clinical and non-clinical specimens.

15x100mm biplate, 10/pk — J22

## Blood Agar, 5%/MacConkey Biplate

(Tryptic Soy Agar with 5% Sheep Blood/ MacConkey Agar)

**Section I:** Blood Agar products for use as general purpose growth media for the isolation, cultivation, and differentiation of a wide variety of microorganisms.

**Section II:** MacConkey Agar for use as a selective and differential medium for the isolation of Gram-negative bacilli, on the basis of lactose fermentation.

15x100mm biplate, 10/pk — J32

15x100mm biplate, 100/pk — J32BX

## Blood Agar, 5% with Ampicillin

(Tryptic Soy Agar with 5% Sheep Blood and Ampicillin)

For the cultivation and selective isolation of *Aeromonas* spp.

15x100mm plate, 10/pk — A12

Blood Agar, 5% Sheep blood, Cat. no. P33.

## Blood Agar, 8%

(Tryptic Soy Agar with 8% Sheep Blood)

Blood Agar products are recommended for use as general purpose growth media for the isolation, cultivation, and differentiation of a wide variety of microorganisms.

15x100mm plate,

| | |
|---|---|
| 100/pk | A17BX |

## Blood Agar, 10%

(Tryptic Soy Agar with 10% Sheep Blood)

For the cultivation of microorganisms.

| | |
|---|---|
| 15x100mm plate, 10/pk | A71 |

## Blood Agar, EH

(Tryptic Soy Agar with 5% Blood, Enhanced Hemolysis Formula)

For the cultivation of microorganisms; Blood Agar, EH produces larger and clearer zones of beta hemolysis.

15x100mm plate,

| | |
|---|---|
| 10/pk | A03 |

## Blood, Sheep, Defibrinated

Our sheep blood is obtained from a donor herd specifically for Hardy Diagnostics: sheep are humanely bled and rotated on a veterinary supervised program. This ensures blood is kept antibiotic-free and as fresh as possible, making it less prone to spontaneous hemolysis.

**Glass bottle**

| | |
|---|---|
| 30ml, Each | SB30 |
| 50ml, Each | SB50 |
| 60ml, Each | SB60 |
| 100ml, Each | SB100 |

**Glass vial, needle port**

| | |
|---|---|
| 100ml, Each | SB100S |
| 500ml, Each | SB500S |

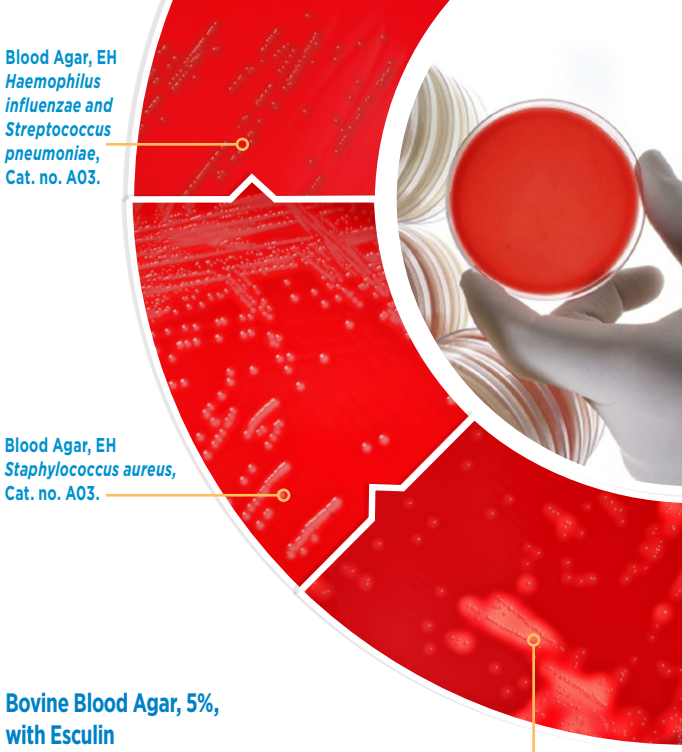
## Bovine Blood Agar, 5%

(Tryptic Soy Agar with 5% Triple Washed Bovine Blood)

For the detection of organisms that may cause mastitis in dairy cattle such as *Staphylococcus aureus* and *Streptococcus agalactiae*.

15x100mm plate,

| | |
|---|---|
| 10/pk | A188 |




## Bovine Blood Agar, 5%, with Esculin

(Tryptic Soy Agar with 5% Triple Washed Bovine Blood and Esculin)

For the detection of organism *Streptococcus uberis*.

15x100mm plate,

| | |
|---|---|
| 10/pk | A189 |

## Bovine Blood Agar, 5%, with Esculin/MacConkey Biplate

(Tryptic Soy Agar with 5%, Triple Washed Bovine Blood/MacConkey)

**Section I:** Bovine Blood Media is recommended as a general purpose growth media for the cultivation, selective isolation, and differentiation of organisms responsible for mastitis in dairy populations.

**Section II:** MacConkey Agar is recommended for use as a selective and differential medium for the isolation of gram-negative bacilli (including coliform organisms and enteric pathogens), on the basis of lactose fermentation.

15x100mm biplate,

| | |
|---|---|
| 10/pk | J129 |

## Bovine Selective Strep Agar

For the selective isolation of *Streptococcus* species from bovine mastitis specimens.

15x100mm plate,

| | |
|---|---|
| 10/pk | A143 |

## Brucella Agar with 5% Sheep Blood, Hemin, and Vitamin K

For the cultivation of anaerobic bacteria.

15x100mm plate,

| | |
|---|---|
| 10/pk | A30 |

15x150mm plate,

| | |
|---|---|
| 10/pk | H05 |

## Brucella Broth with 15% Glycerol

For the cryopreservation of organisms by freezing.

15x45mm glass vial, 2ml fill,

| | |
|---|---|
| 100/pk | D04 |

## Brucella with H and K/LKV Biplate

(Brucella Agar with 5% Sheep Blood, Hemin and Vitamin K /Laked Blood Kanamycin and Vancomycin Agar)

For the cultivation of anaerobic bacteria and the selective isolation of *Bacteroides* spp.

**Section I:** Brucella Agar with H and K is recommended for use in the primary isolation and cultivation of anaerobic microorganisms.

**Section II:** LKV Agar is recommended for use in the isolation and partial identification of anaerobic microorganisms.

15x100mm biplate,
10/pk J87

## Buffered Peptone Water

A pre-enrichment medium used to increase the recovery of injured *Salmonella* spp. prior to selective enrichment and isolation.

**Tube**

16x125mm glass, 9ml fill,
20/pk K107

16x125mm glass, 10ml fill,
20/pk K195

**Bottle**

500ml polycarbonate, 225ml fill,
10/pk U142

500ml polycarbonate, 400ml fill,
10/pk U143

**Dilu-Lok™ Vial, 145ml polypropylene vial, with flip-top lid**

145ml, irradiated, 90ml fill,
50/pk D080

145ml, irradiated, 99ml fill,
50/pk D089

## Buffered Peptone Water with 1% Tween® 20

Pre-filled flip-top dilution vial format.
145ml polypropylene vial, flip-top lid, 90ml fill,
50/pk D085

## Buffered NaCl Peptone EP, USP

For use as a rinse fluid for membrane filtration methods.
500ml polycarbonate bottle, 500ml fill,
10/pk U301

## Butterfield's Phosphate Buffer

For the preparation of dilutions for plate count and other laboratory tests.

**Dilu-Lok II™, polypropylene vial, flip-top lid**

145ml, 90ml fill,
50/pk D590

145ml, 99ml fill,
50/pk D599

**Polycarbonate bottle/jar**

500ml bottle, 500ml fill,
10/pk U190

**Polypropylene bottle**

125ml, 100ml fill,
12/pk U290

**Glass tube**

16x125mm, 9ml fill,
20/pk K109

20x125mm, 9ml fill,
20/pk K209

**Polypropylene tube**

13ml, 9ml fill, 20/pk K119

## Campy Cefex Agar, Modified

For the selective isolation of cephalothin resistant *Campylobacter* spp. such as *Campylobacter jejuni, Campylobacter coli,* and *Campylobacter lari.*
15x100mm plate,
10/pk A122

## Campy CVA Agar

(Campy Agar with 5% Sheep Blood, Cefoperazone, Vancomycin and Amphotericin B)

For the selective isolation of *Campylobacter jejuni.*
15x100mm plate,
10/pk A40

## Campy FDA Agar

(Brucella Agar with 7% Lysed Horse Blood, and Polymyxin B, Vancomycin, Amphotericin B, Novobiocin, and Trimethoprim)

For the selective isolation of *Campylobacter* spp.
15x100mm plate,
10/pk A139

## Campy, Blood Free, Karmali Agar

(Karmali Formula, with Charcoal, Cefoperazone, Vancomycin, and Amphotericin B)

For the selective isolation of *Campylobacter* spp.
15x100mm plate,
10/pk G06

## Carrot Broth

*(See Strep B Carrot Broth, page 50)*

## Cetrimide Select Agar, USP

For the selective isolation of *Pseudomonas aeruginosa.*
15x100mm plate,
10/pk G18

## CET/MAC/VJ Triplate

(Cetrimide Select Agar/MacConkey Agar/ Vogel and Johnson Agar)

**Section I:** CET is for the selective isolation of *Pseudomonas aeruginosa.*

**Section II:** MacConkey Agar is for the isolation and differentiation of Gram-negative bacteria.

**Section III:** VJ is for the selective isolation of coagulase-positive and mannitol-positive *Staphylococcus aureus.*

15x100mm triplate,
10/pk J314

## CGB Agar for Cryptococcus

(Canavanine, Glycine, Bromothymol Blue Agar)

Recommended for the differentiation of *Cryptococcus neoformans* var. *neoformans* and *Cryptococcus gattii* (formerly *Cryptococcus neoformans* var. *gattii*).
15x100mm plate,
10/pk G113

## Chocolate Agar

(Gonococci Agar Base With 1% Hemoglobin and Enrichments)

A nutritious medium used for culturing fastidious organisms such as *Haemophilus* spp. and *Neisseria* spp.

**Plate**

15x100mm plate, 10/pk — E14

15x100mm plate, 100/pk — E14BX

**Tube**

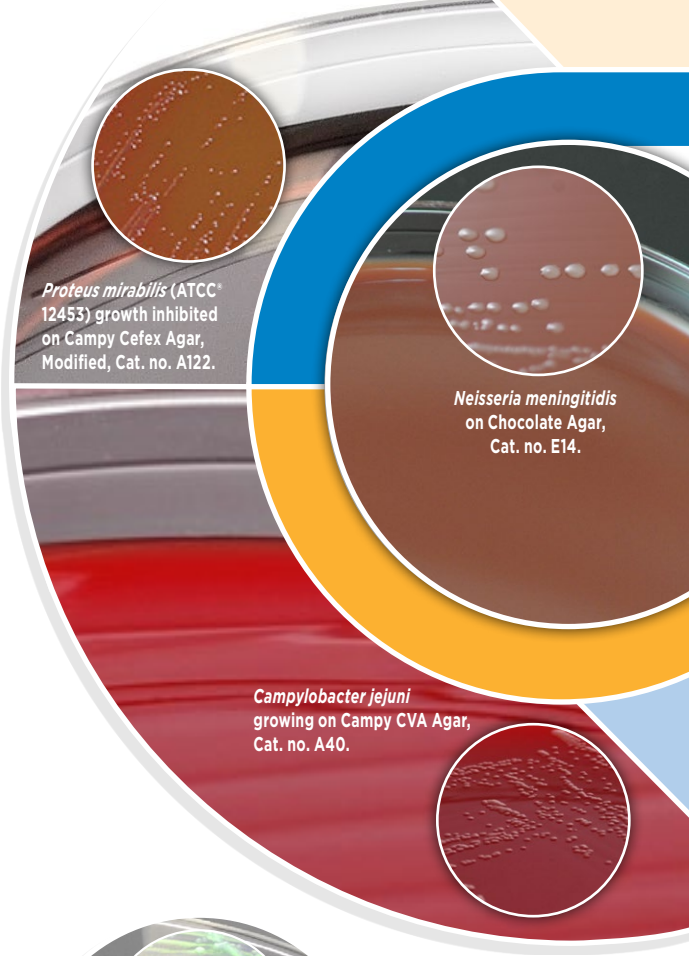
16x100mm glass tube, 5.5ml slant, 20/pk — L37

## Chocolate/Martin Lewis with Lincomycin Biplate

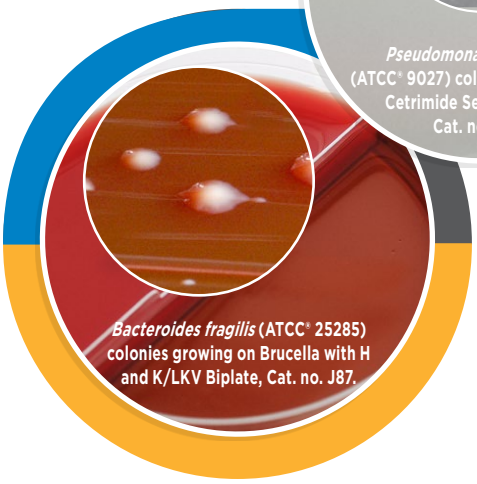
**Section I:** Chocolate Agar is recommended for use in the isolation and cultivation of fastidious microorganisms, particularly *Haemophilus* and *Neisseria* species.

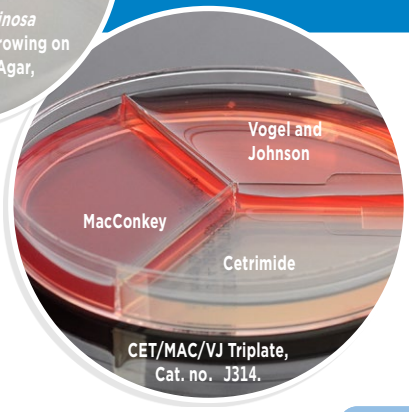
**Section II:** Martin Lewis with Lincomycin is a selective medium for the recovery of *Neisseria gonorrhoeae* from both genital and oropharyngeal specimens.

15x100mm biplate, 10/pk — J44



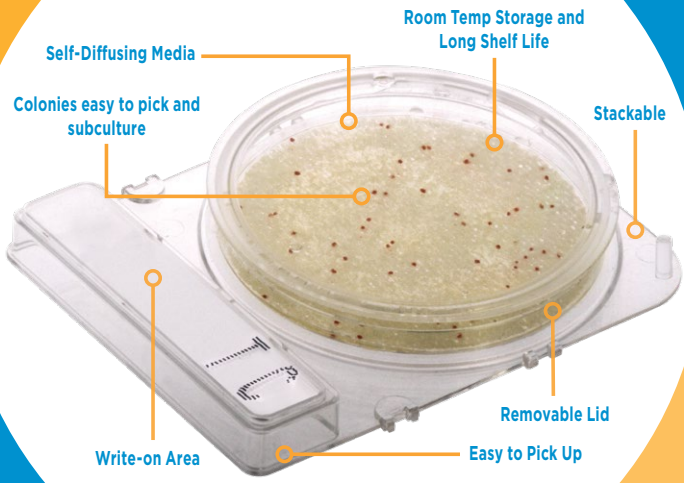




CompactDry™
There is always a better way.

CompactDry™ is a ready-to-use system reducing the time needed to perform microbial testing on food, beverage, meat, cosmetics, cannabis market, and raw materials. Colonies grow and develop specific colors from chromogenic substrates. This provides for easy organism differentiation and counting.




## Features and Benefits:

- Room temperature storage
- 18 month shelf life from date of manufacture
- Self diffusing media
- Stackable
- Write-on area
- Easy to handle and pick up
- Simple to pick colonies for subculturing
- Easy read-out of results


**CompactDry™ SL**
*(Salmonella)*
For the presumptive identification and enumeration of *Salmonella* spp.
240/pk 54085


**CompactDry™ LS** *(Listeria)*
For the selective growth, presumptive identification, and enumeration of *Listeria* spp.
100/pk LS100


## CompactDry™ TC

(Total Count)

CompactDry™ TC for total viable bacterial count. Growing colonies appear red due to redox indicator tetrazolium salt.

240/pk 54081


## CompactDry™ EC

(*E. coli* and Coliforms)

CompactDry™ EC contains two kinds of chromogenic enzyme substrates: Magenta-Gal and X-Gluc. *E. coli* forms blue colonies, Coliforms turn red. The total coliform group count is the sum of both the red and blue colonies.

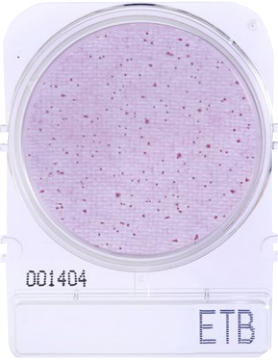
240/pk 54082


## CompactDry™ YMR

(Yeast and Mold Rapid)

CompactDry™ YMR, yeasts and mold can be differentiated by color. Molds form colonies with a blueish color.

240/pk 54084




## CompactDry™ ETB

(Enterobacteriaceae)

For the isolation and quantification of Enterobacteriaceae in foods, cosmetics or raw materials. Enterobacteriaceae will appear magenta in color, and are easily counted. Genera of Enterobacteriaceae consists of: *Citrobacter, Enterobacter, Escherichia, Klebsiella, Morganella, Proteus, Salmonella, Serratia, Shigella, Yersinia* and more.

100/pk ETB100


## CompactDry™ YM

(Yeast and Mold)

CompactDry™ YM, yeasts and mold can be differentiated by color. Molds form colonies with a blueish color.

240/pk 54083


## CompactDry™ XSA

(*Staphylococcus aureus*)

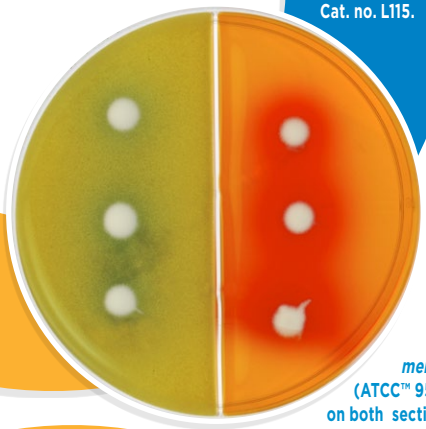
For the selective growth and differentiation of *Staphylococcus aureus*. *Staphylococcus aureus* growth results in blue/blue green colonies.

240/pk 54086

# DERMATOPHYTE TESTS


Dermatophyte Test Medium, Cat. no. L115.


*Trichophyton mentagrophytes* (ATCC® 9533) growing on Dermatophyte Test Medium, Cat. no. L115.



*Trichophyton mentagrophytes* (ATCC™ 9533) growing on both sections of Derm-Duet™ II, 15x100mm Biplate, Cat. no. J175.


HardyFlask™ DTM, Cat. no. X15.

## Derm-Duet™ II DTM/ RSM Biplate

(Dermatophytes Test Medium/ Rapid Sporulation Media)

Individually wrapped, long shelf life, room temperature storage.
15x100mm biplate,
10/pk J175

## Derm-Duet™ RSM/DTM Biplate

(Rapid Sporulation Medium/Dermatophyte Test Medium)

For the detection of dermatophytic fungi.
15x100mm biplate,
10/pk J350

## Dermatophyte Milk Agar

For the cultivation and differentiation of certain dermatophytes especially *Trichophyton rubrum, Trichophyton mentagrophytes,* and *Microsporum persicolor.*
16x100mm glass tube, 6ml fill,
20/pk L75

## Dermatophyte Test Medium Agar

For the selective isolation of pathogenic, dermatophytic fungi.
20x125mm glass tube, 10ml slant,
20/pk L115
10ml polycarbonate vial, 7.5ml, slant,
20/pk L27
HardyFlask™, 12ml slant,
20/pk X15

## SabDex Agar with C and G/DTM Biplate

(Sabouraud Dextrose Agar with Chloramphenicol and Gentamicin/Dermatophyte Test Medium)

**Section I:** Sabdex Agar with C and G are recommended for the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and yeasts.

**Section II:** DTM is a selective and differential medium recommended for the cultivation and isolation of pathogenic dermatophytic fungi.

15x100mm biplate,
10/pk J107

# DILUTION VIALS

Dilu-Lok™ eliminates the time and money spent on preparing your own dilution vials! Easy one handed operation.

Dilu-Lok™, polypropylene bottle, flip-top lid, Cat. no. D599.

## Dilu-Lok™ Dilution Vials

### Pre-filled Dilution Vials

Our pre-filled dilution vials are designed for food, dairy, pharmaceutical and water industries. A wide 45mm opening accommodates large samples. A fliptop lid allows for easy one-handed opening.

**Dilu-Lok™, Butterfield's Phosphate Buffer, 145ml polypropylene vial, flip-top lid**

| | |
|---|---|
| 25ml fill, 50 pk | D125 |
| 90ml fill, 50 pk | D590 |
| 99ml fill, 50 pk | D599 |

**Dilu-Lok™ Buffered Peptone Water, Irradiated, 145ml polypropylene vial, flip-top lid**

| | |
|---|---|
| 90ml fill, 50 pk | D080 |
| 99ml fill, 50 pk | D089 |

**Dilu-Lok™, Buffered Peptone Water with 1% Tween® 20, Irradiated, 145ml polypropylene vial, flip-top lid**

| | |
|---|---|
| 90ml fill, 50 pk | D085 |

**Dilu-Lok™, Deionized Sterile Water, 145ml polypropylene vial, flip-top lid**

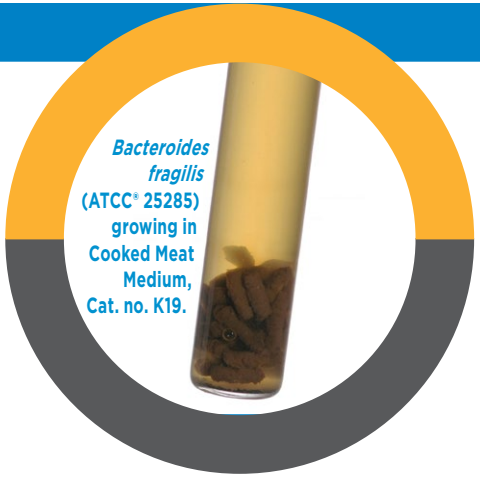
| | |
|---|---|
| 90ml fill, 50 pk | D090 |
| 99ml fill, 50 pk | D099 |

**Dilu-Lok™, Peptone Water, 0.1% , Irradiated, 145ml polypropylene vial, flip-top lid**

| | |
|---|---|
| 90ml fill, 50 pk | D290 |
| 99ml fill, 50 pk | D299 |

**Dilu-Lok™, Phosphate Buffer with $MgCl_2$, 145ml polypropylene vial, flip-top lid**

| | |
|---|---|
| 90ml fill, 50 pk | D690 |
| 99ml fill, 50 pk | D699 |





## Chocolate/MTM Biplate

(Chocolate Agar/Modified Thayer Martin)

**Section I:** Chocolate Agar is recommended for use in the isolation and cultivation of fastidious microorganisms, particularly *Haemophilus* and *Neisseria* species.

**Section II:** MTM is a selective medium used in qualitative procedures for the isolation of *Neisseria gonorrhoeae* with suppression of most other Gram-negative diplococci, Gram-negative bacilli, Gram-positive organisms, and yeast.

15x100mm biplate,
10/pk J72

## Chocolate Agar with Bacitracin

For selective isolation of *Haemophilus* spp. from respiratory specimens. Chocolate Agar with Bacitracin inhibits most staphylococci, streptococci, *Nesseria* spp., and other normal flora.

15x100mm plate,
10/pk E11

## Chromogenic Media

*(See HardyCHROM™, page 26)*

## CIN/MacConkey with Sorbitol Biplate

(Cefsulodin Irgasan Novobiocin Agar)

**Section I:** For the selective isolation of *Yersinia* and *Aeromonas* spp.

**Section II:** For the detection of sorbitol negative enterohemorrhagic *E. coli* O157.

15x100mm biplate,
10/pk J49

## CIN Agar

(Cefsulodin Irgasan Novobiocin Agar)

For the selective isolation of *Yersinia enterocolitica* and *Aeromonas* spp.

15x100mm plate,
10/pk G20

## CLED Agar

(Cystine-Lactose-Electrolyte-Deficient)

For the isolation, enumeration, and presumptive identification of urinary pathogens on the basis of lactose fermentation; controls swarming of *Proteus* spp.

15x100mm plate,
10/pk G223

## CNA Agar

(Columbia Agar with 5% Sheep Blood, Colistin and Nalidixic Acid)

For the selective isolation and differentiation of Gram-positive bacteria.

15x100mm plate,
10/pk A50

15x100mm plate,
100/pk A50BX

15x100mm plate, reduced stacking ring,
10/pk GA50

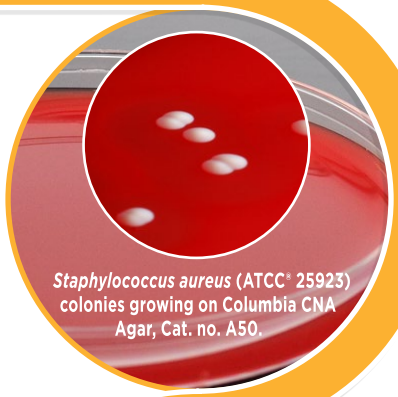
## CNA Agar/EMB Agar Biplate

(Columbia Agar with 5% Sheep Blood, Colistin and Nalidixic Acid/Eosin Methylene Blue)

**Section I:** CNA Agar is recommended for use as a selective growth medium for the isolation and differentiation of Gram-positive cocci from clinical and non-clinical specimens which contain mixed flora.

**Section II:** EMB Agar formulations are recommended for use as selective and differential media for the isolation of Gram-negative bacilli from clinical and non-clinical specimens.

15x100mm biplate,
10/pk J52



*Staphylococcus aureus* (ATCC® 25923) colonies growing on Columbia CNA Agar, Cat. no. A50.

*Salmonella enterica* on CNA Agar/EMB Agar Biplate, Cat. no. J52.

*Staphylococcus aureus* on CNA Agar/ MacConkey Agar Biplate, Cat. no. J62.

## CNA Agar/MacConkey Agar Biplate

(Columbia Agar with 5% Sheep Blood, Colistin and Nalidixic Acid/ MacConkey Agar)

**Section I:** CNA Agar is recommended for use as a selective growth medium for the isolation and differentiation of Gram-positive cocci from clinical and non-clinical specimens which contain mixed flora.

**Section II:** A selective and differential medium for the isolation of Gram-negative bacilli, including coliform organisms and enteric pathogens, on the basis of lactose fermentation.

| | |
|---|---|
| 15x100mm biplate, 10/pk | J62 |
| 15x100mm biplate, 100/pk | J62BX |

## Columbia Agar, USP

For the isolation and cultivation of nonfastidious and fastidious micro-organisms; conforms to harmonized USP/EP/JP requirements.

| | |
|---|---|
| 15x100mm, 10/pk | G250 |

## Columbia Agar, 5% Sheep Blood

A general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms.

| | |
|---|---|
| 15x100mm, 10/pk | A16 |
| 15x100mm, 100/pk | A16BX |

## Columbia Agar with 5% Sheep Blood/MacConkey Agar Biplate

**Section I:** For the cultivation of microorganisms.

**Section II:** For the isolation and differentiation of Gram-negative bacteria.

| | |
|---|---|
| 15x100mm biplate, 100/pk | J57BX |

## Cooked Meat with Iron, H and K

For the cultivation of anaerobic bacteria and the preservation of stock cultures; contains iron filings, hemin, yeast extract, and vitamin K.

| | |
|---|---|
| 16x125mm glass tube, 10ml fill, 20/pk | K19 |

## Corn Meal Agar with Tween® 80

Recommended for use in cultivation of fungi and for the inducement of chlamydospore formation by *Candida* spp.

| | |
|---|---|
| 15x100mm plate, 26ml deep fill, 10/pk | W10 |

## CT-SMAC

(Cefixime and Tellurite with MacConkey and Sorbitol)

For selection and differentiation of enterohemorrhagic *E. coli* O157.

| | |
|---|---|
| 15x100mm plate, 10/pk | G129 |

Diamond Medium Modified, Cat. no. K02.

## CTA

(Cystine Tryptic Agar)

For fermentation testing of fastidious bacteria.

**13x100mm polycarbonate tube, 3ml fill, 20/pk**

| | |
|---|---|
| With Cellobiose | Y10 |
| With Dextrose | Y12 |
| With Lactose | Y13 |
| With Maltose | Y14 |
| With Sorbitol | Y17 |
| With Trehalose | Y20 |

## D/E Neutralizing Agar

(Dey/Engley)

For neutralizing and evaluating the efficacy of antiseptics and disinfectants.

Contact plate, 10/pk P99

## D/E Neutralizing Broth

(Dey/Engley)

For neutralizing and evaluating the efficacy of antiseptics and disinfectants.

16x125mm glass tube, 10ml fill, 20/pk K108

180ml polycarbonate jar, 90ml fill, 12/pk U75

1L polycarbonate bottle, 750ml fill, 10/pk U76

D/E Neutralizing Broth, Cat. no. U76.

## DNase Agar with Toluidine Blue

(Deoxyribonuclease)

For the detection of deoxyribonuclease activity in Gram-negative bacteria, especially *Serratia* spp. and *Moraxella catarrhalis*.

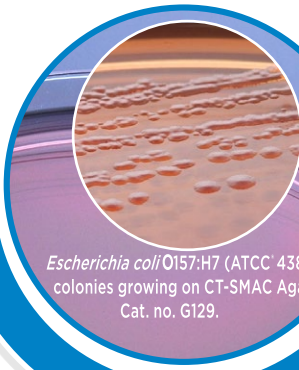
15x100mm plate, 10/pk G24

## Diamonds Medium, Modified

For the selective cultivation of *Trichomonas* spp., especially *Trichomonas vaginalis*.

16x100mm glass tube, 6ml fill, 20/pk K02

EE Broth Mossel, USP (Enterobacteriaceae Enrichment Broth), Cat. no. K191.



*Escherichia coli* O157:H7 (ATCC® 438 colonies growing on CT-SMAC Ag Cat. no. G129.

## Dichloran-Glycerol (DG-18) Agar

For the selective isolation and cultivation of xerophilic molds.

15x100mm plate, 26ml, deep fill, 10/pk W85

## EC Broth with Durham Tube

(Escherichia coli Broth)

For the detection of coliforms, includes Durham tube for gas detection.

16x125mm glass tube, 10ml fill, 20/pk K63

20x125mm glass tube, 13ml fill, 20/pk K13

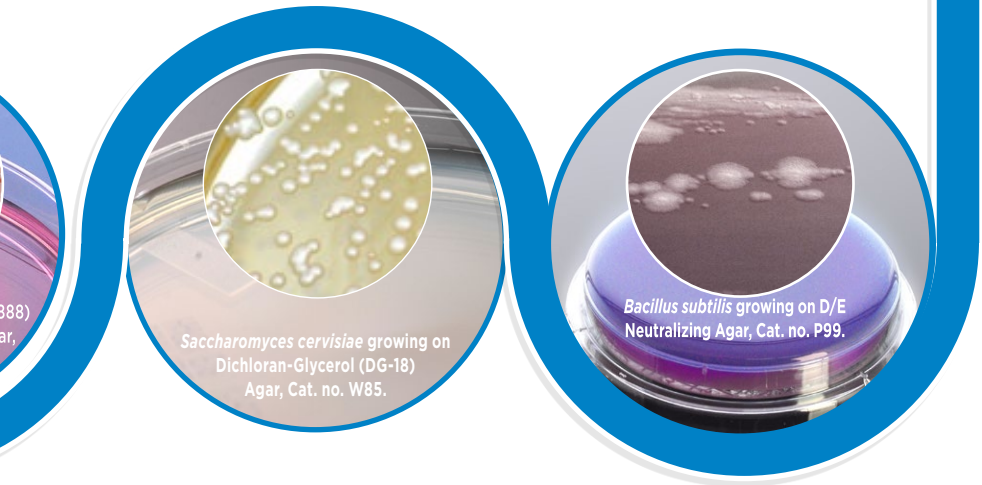
## EC Broth with MUG and Durham Tube

(Escherichia coli Broth with Methylumbelliferyl Glucuronide)

For the detection of *E. coli* by fluorescence, includes Durham tube for gas detection; contains methylumbelliferyl glucuronide, read with a fluorescent lamp, long wave, 366nm, Cat. no. UVL56.

16x125mm glass tube, 10ml fill, 20/pk K64

20x125mm glass tube, 13ml fill, 20/pk K18




## EE Broth Mossel, USP

(Enterobacteriaceae Enrichment Broth)

For the selective enrichment of Enterobacteriaceae.

16x125mm glass tube, 9ml fill, 20/pk — K191

180ml polycarbonate jar, 90ml fill, 12/pk — U291

180ml polycarbonate jar, 100ml fill, 12/pk — U391

## Egg Yolk Agar, Modified

For the isolation, cultivation, and differentiation of *Clostridium* spp. and other anaerobic bacteria.

15x100mm plate, 10/pk — G215

## EMB Levine Agar

(Eosin Methylene Blue)

For isolation and differentiation of Gram-negative bacilli.

15x100mm plate, 10/pk — G25

Contact plate, 10/pk — P09

## EnteroScreen 4™

For screening of isolates of enteric pathogens and differentiation of *Salmonella* and *Shigella*.

- Quickly screen lactose-negative colonies
- Inexpensively detect *Salmonella* and *Shigella* spp.
- Inoculate only one tube per colony rather than three or four tubes
- Simply pick a non-lactose fermenting colony and inoculate the Enteroscreen 4™ by penetrating all four layers
- Incubate and read results in as early as 6 to 18 hours
- Use growth directly from the slant for PYR, oxidase, indole, and antisera confirmation

16x125mm glass tube, 4 layer slant, 20/pk — L225

**Clostridium sporogenes on Egg Yolk Agar, Modified, Cat. no. G215.**

### EnteroScreen 4™


*Technical information available upon request.

LIA with H2S Indicator

LIA without H2S Indicator

Sterile Petrolatum provides a hydrophobic barrier

Urea Agar

## EnviroTrans™ Swab Rinse Kit

A ready-to-use swab and a pre-filled tube with your choice of solutions to fit your specific needs! Collect and transport environmental samples with efficiency and ease. A dacron swab is affixed to a screw cap for easy handling.

**Polypropylene tube, with dacron swab attached to screw cap:**

**With 0.85% Saline,**
5ml fill,
20/pk SRK35

**With D/E Neutralizing Broth**
5ml,
20/pk SRK45

**With Letheen Broth**
5ml,
20/pk SRK25

**With Neutralizing Buffer**
5ml,
20/pk SRK15


EnviroTrans™ Swab Rinse Kit

## FB Broth

(Fastidious Bacteria Broth)

For the enriched cultivation of *Neisseria*, *Haemophilus*, *Streptococcus*, *Corynebacteria*, and other fastidious bacteria.
16x125mm glass tube, 10ml fill,
20/pk K31

## Fluid A, USP

A rinsing and diluting fluid for use in USP testing protocols.

**Glass bottle, needle port**
With 0.1% peptone, 100ml, crimp cap, 100ml fill,
20/pk U109

**Polypropylene bottle**
125ml, 100ml fill,
12/pk U19

1L, 1000ml fill,
10/pk U208

## Fluid D, USP

A rinsing and diluting fluid for use in USP testing protocols.

**Polycarbonate bottle**
500ml, needle port, 300ml fill,
10/pk U210

500ml, needle port, 500ml fill,
10/pk U215

1L, bottle, 1000ml fill,
10/pk U115

**Glass bottle**
100ml, needle port, crimp cap, 100ml fill,
20/pk U110

## Fluid K, USP

A rinsing and diluting fluid for use in USP testing protocols.
1L polycarbonate bottle, 1000ml fill, 10/pk U206

## Fraser Broth, Modified

For the selective enrichment of *Listeria* spp., without ferric ammonium citrate.
16x125mm glass tube, 10ml fill, 20/pk K98

## FTM, USP

(Fluid Thioglycollate Broth Medium)

Recommended for the cultivation of aerobic, microaerophilic, and anaerobic microorganisms in normally sterile materials.

**USP, boston round glass bottle**
250ml, 200ml fill,
12/pk U434

**USP, glass vial, needle port**
20ml, crimp cap, 15ml fill,
50/pk U66

20ml, crimp cap, 20ml fill,
50/pk U68

**USP, glass bottle, needle port**
100ml, crimp cap, 100ml fill,
20/pk U84

200ml, crimp cap, 150ml fill,
10/pk U207

500ml, 300ml fill,
10/pk U427

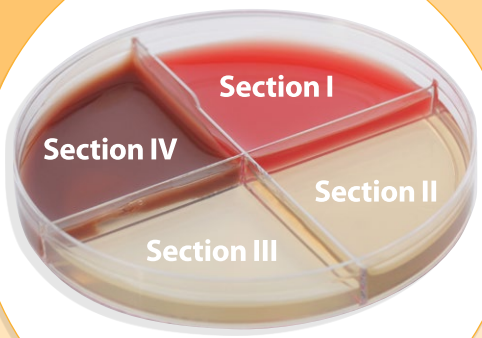
500ml, 500ml fill,
10/pk U273

**Jar**
236ml glass, 100ml fill,
12/pk U41

**Glass tube, needle port hungate cap**
16x125mm, 10ml fill,
20/pk K282

**Glass tube**
16x125mm, 10ml fill,
20/pk K21


Fluid A, USP, 100ml bottle with needle port, crimp cap, 100ml fill, Cat. no. U109.




Haemophilus ID Quadplate, Cat. no. J82.


Fluid Thioglycollate Broth Medium (FTM) with Indicator, USP, glass tube, 16x125mm, 10ml fill, Cat. no. K21.

## FTM with Lecithin and Tween®, USP

(Fluid Thioglycollate Medium)

For use in the cultivation of aerobic microaerophilic, and anaerobic mircroorganisms in normally sterile materials.

200ml glass vial, needle port, crimp cap, 150ml fill, 10/pk U430

## FTM with Hemin and Vitamin K

Fluid Thioglycollate Medium with Hemin and Vitamin K

For the cultivation of aerobic, microaerophilic, and anaerobic microorganisms in normally sterile materials.

16x125mm glass tube, 10ml fill, 20/pk K73

## GBS Detect™

For the isolation and differentiation by enhanced hemolysis of gamma hemolytic Group B Streptococcus.

*(See Strep B Carrot Broth™ page 50)*

15x100mm plate, 10/pk A300

15x100mm plate, 100/pk A300BX

## GN Broth

(Gram-Negative)

For the selective enrichment of *Salmonella* and *Shigella* spp.

Polycarbonate tube, 6ml, 20/pk K01

16x125mm glass tube, 10ml fill, 20/pk K39

12x80mm polypropylene tube, 4ml, 100/pk R76BX

## Granada Medium

*(See Strep B Carrot Broth™ page 50)*

## Group A Beta Strep Agar

For the selective isolation of Group A Strep only (*Streptococcus pyogenes*); inhibits other Streps and normal flora. Contains 5% sheep blood, crystal violet, colistin, and SXT.

15x100mm plate, 10/pk A72

*(For selection of all streps, see Selective Strep Agar, page 48)*

## Haemophilus ID Quadplate

For the differentiation of *Haemophilus* spp.

**Section I:** RTF Casman Medium, Modified (X- and V-factors) is supplemented with sheep blood in order to supply hemin (X-factor), and nicotinamide adenine dinucleotide (NAD or V-factor) which are growth factors required by *Haemophilus influenzae.*

**Section II:** Tryptic Soy Agar (TSA) with Hemin (X-factor)

**Section III:** Tryptic Soy Agar (TSA), modified with NAD (V-factor)

**Section IV:** Chocolate Agar (X- and V-factors)

15x100mm quadplate, 5ml/quadrant, 10/pk J82

# Hardy CHROM™
Chromogenic Culture Media

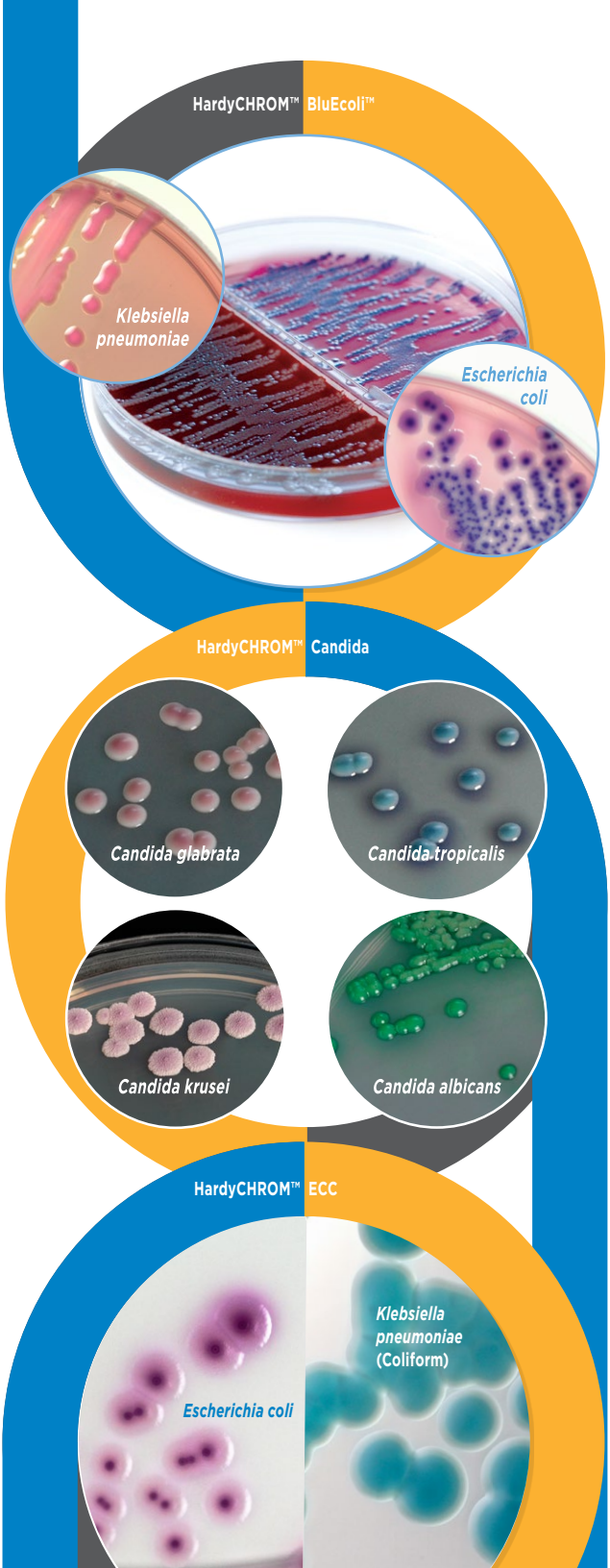
## HardyCHROM™ BluEcoli™ Biplate
Used for the culture and isolation of urinary pathogens and for the confirmatory identification of *E. coli.* Colonies turn a distinct blue color within 24 hours on the chromogenic side. Found to be 98.5% sensitive and 100% specific for urine specimens. No further testing required: 75 to 90% of positive urine specimens are *E. coli.*
BluEcoli™/Blood Agar, 15x100mm biplate,
10/pk J123

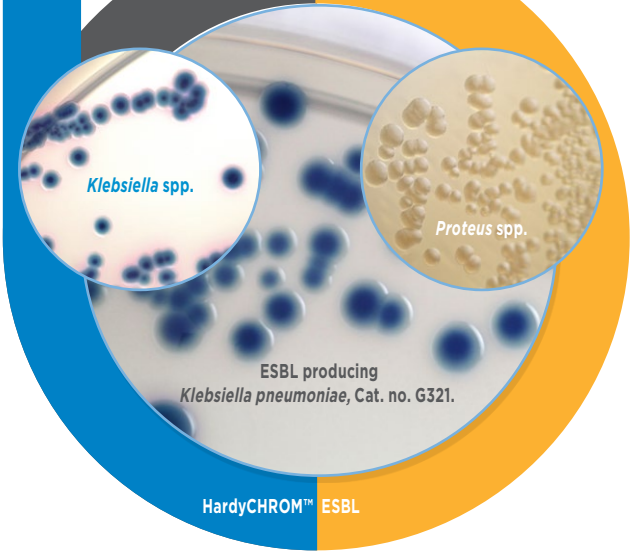
## HardyCHROM™ Candida
HardyCHROM™ Candida is a selective and differential culture medium that facilitates the isolation and differentiation of clinically important yeast species.

- Useful in detecting mixed yeast infections
- Inhibits the majority of bacterial species

15x100mm plate,
10/pk G301

## HardyCHROM™ ECC
(*E. coli* and Coliforms)
A differential chromogenic medium used for rapid and reliable detection and differentiation of *E. coli* from other coliforms. *E. coli* can be identified as pink colonies on the plate, while other coliform bacteria will appear as turquoise colonies.
15x100mm plate,
10/pk G303





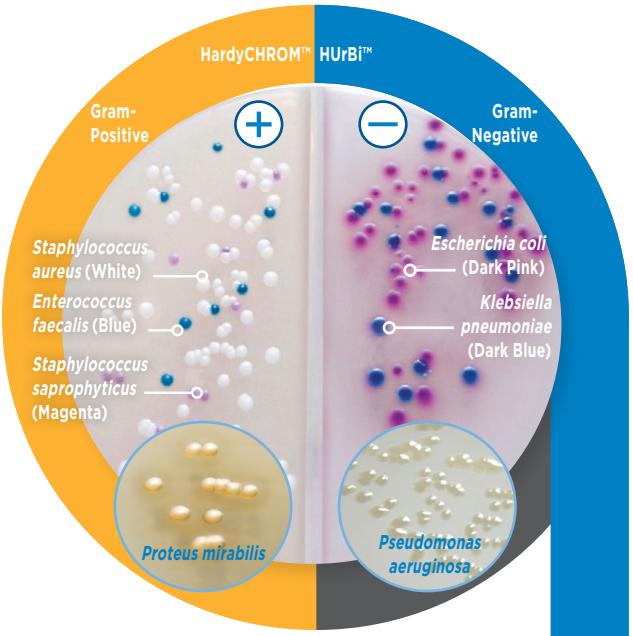

## HardyCHROM™ ESBL

(Extended-Spectrum Beta-Lactamase)

A selective chromogenic medium recommended for primary screening and differentiation of ESBL in Enterobacteriaceae.

- Results in as little as 18 hours
- Easy-to-read color read-out

15x100mm plate,
10/pk G321




## HardyCHROM™ HUrBi™

(Urine Biplate)

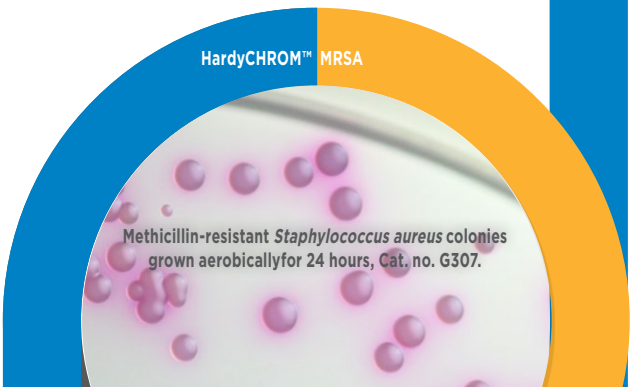
HardyCHROM™ HUrBi™ is formulated to isolate Gram-positive organisms and yeast on side I of the biplate and Gram-negative organisms on side II of the biplate.

15x100mm biplate,
10/pk J100

## HardyCHROM™ Listeria

A chromogenic medium recommended for the isolation, differentiation, and enumeration of *Listeria monocytogenes* from food and environmental samples by colony color and appearance.

15x100mm plate,
10/pk G317




## HardyCHROM™ MRSA

A selective and differential chromogenic medium recommended for the qualitative detection of nasal colonization by methicillin-resistant *Staphylococcus aureus* (MRSA). Not intended to diagnose MRSA infection or to guide or monitor therapy for MRSA infection.

- Distinct color change read-out
- Bright color development
- Economically priced
- Read-out at 24 hours

15x100mm plate,
10/pk G307

## HardyCHROM™ O157

A selective and differential medium recommended for the isolation of entero-hemorrhagic *E. coli* O157. Chromogenic substances in the medium facilitate detection by colony color. Not for human diagnostic use.
15x100mm plate,
10/pk G305

## HardyCHROM™ Sakazakii

A selective and differential chromogenic medium recommended for the isolation and detection of *Cronobacter (Enterobacter) sakazakii*.
15x100mm plate,
10/pk G315

## HardyCHROM™ Salmonella

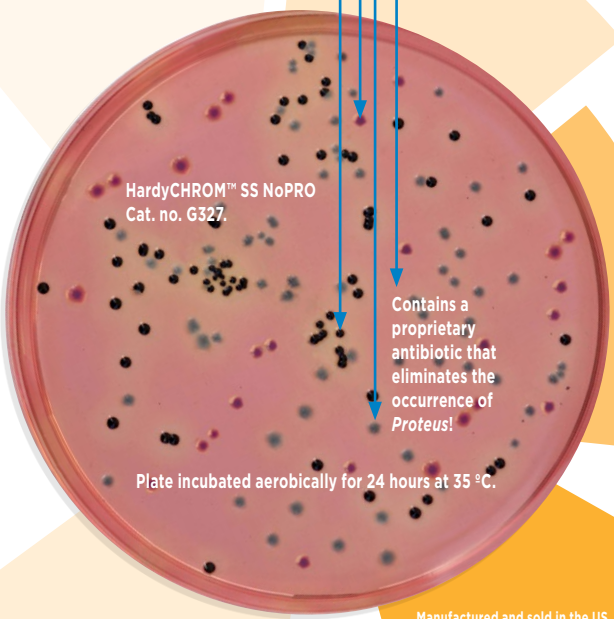
A selective and differential medium for the isolation and differentiation of *Salmonella* spp. from other members of the Enterobacteriaceae based on colony color. All *Salmonella* spp. including *Salmonella typhi* and *Salmonella paratyphi* A, produce deep pink colonies. Other members of the Enterobacteriaceae produce blue, white, or colorless colonies, while Gram-positive bacteria will be inhibited.
15x100mm plate,
10/pk G309

HardyCHROM™ Salmonella/XLT-4 Agar Biplate,
15x100mm,
10/pk J37

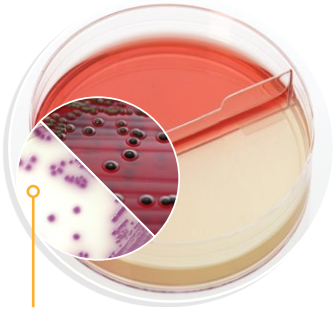
## HardyCHROM™ SS NoPRO

In 1968, Hektoen Enteric Agar was introduced to select for most *Salmonella* and *Shigella* (high sensitivity). Unfortunately it also produces many annoying false positives (low specificity).

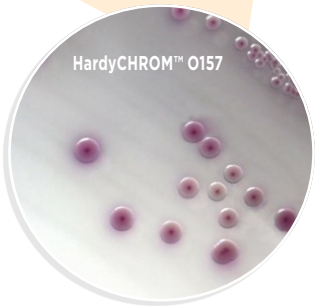
This chromogenic medium for *Salmonella* and *Shigella* is both sensitive and specific without needless work-ups for *Proteus*.
15x100mm plate,
10/pk G327



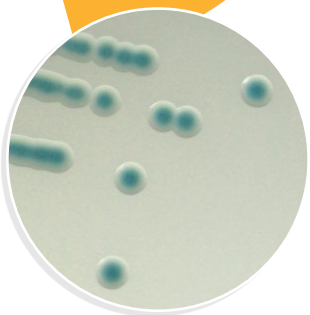

Manufactured and sold in the US under license from Glycosynth Limited under U.S. Patent No.'s 7,323,488 B2, 7,384,763 B2, and 7,709,223 B2.



***Salmonella enterica* growing on HardyCHROM™ Salmonella, Cat. no. J37.**




***Escherichia coli* O157 growing on HardyCHROM™ O157, Cat. no. G305.**



***Chronobacter sakazakii* growing on HardyCHROM™ Sakazakii, Cat. no. G315.**

## HardyCHROM™ Staph aureus

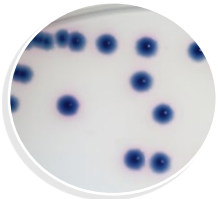
For the rapid and reliable detection of *Staphylococcus aureus* within 24 hours. *Staphylococcus aureus* will produce deep pink to fuschia colonies. Selective agents inhibit the growth of Gram-negative organisms, yeast, and some Gram-positive cocci.
15x100mm plate,
10/pk G311

***Staphylococcus aureus* growing on HardyCHROM™ Staph aureus (top), *Staphylococcus saprophyticus* (bottom), Cat. no. G311.**

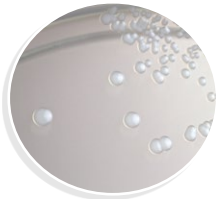
## HardyCHROM™ UTI

A culture medium that facilitates the isolation and differentiation of common urinary tract pathogens, including Gram-negative and Gram-positive bacteria. The development of various colors, due to chromogenic substances in the medium, allows for the differentiation of microorganisms from the primary set-up of urine specimens. HardyCHROM™ UTI can be used to identify *E. coli* and *Enterococcus* spp. based on their characteristic color reactions, with no further testing needed.
15x100mm plate,
10/pk G313

***Staphylococcus saprophyticus***



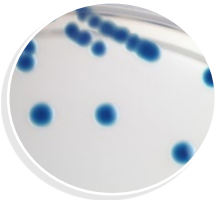
***Citrobacter* spp.**



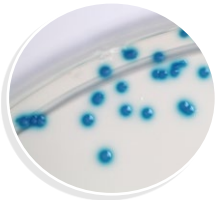
***Staphylococcus aureus***

***Escherichia coli***

***Proteus mirabilis***



***Klebsiella pneumoniae***



***Enterococcus faecalis***

***Candida albicans***

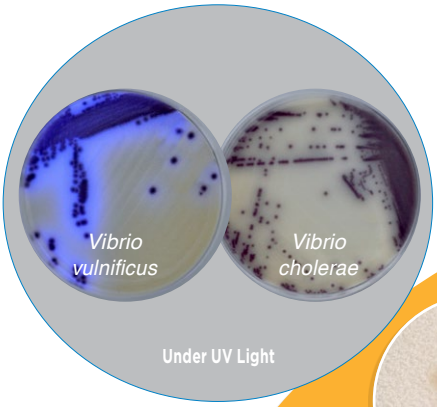
***Pseudomonas aeruginosa***

# HardyCHROM™
Chromogenic Culture Media

## HardyCHROM™ Vibrio

HardyCHROM™ Vibrio is a selective and differential screening media recommended for the isolation of pathogenic *Vibrio* spp. from food and environmental sources. HardyCHROM™ Vibrio was developed as a medium for differentiating *Vibrio cholerae, Vibrio vulnificus* and *Vibrio parahaemolyticus* from other *Vibrios* based on colony color and fluorescence under UV light on a single plate.
15x100mm plate,
10/pk G319

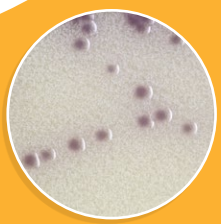
*Also available in Dehydrated Culture Media (Cat. nos. C9010, C9011, C9012, C9013)



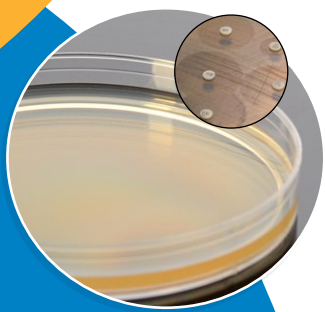


*Vibrio algonyticus*


*Vibrio parahaemolyticus*


*Vibrio cholerae*


*Vibrio vulnificus*

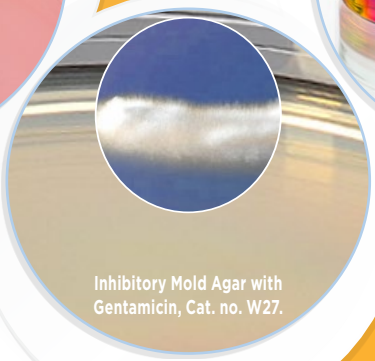

**HTM Agar for *Haemophilus* spp., Cat. no. G33.**

## HE Agar

(Hektoen Enteric)
For the selective isolation of pathogenic, Gram-negative, enteric bacteria, such as *Salmonella* spp. and *Shigella* spp.
15x100mm plate,
10/pk G63


***Salmonella enterica* (ATCC® 14028) colonies growing on Hektoen Enteric Agar, Cat. no. G63.**

*Salmonella enterica* growing on SS agar, HE Agar/SS Agar Biplate, Cat. no. J139.



Inhibitory Mold Agar with Gentamicin, Cat. no. W27.

## HE Agar/SS Agar Biplate

(Hektoen Enteric/Salmonella Shigella)

For the selective and differential isolation of pathogenic enteric bacteria.

**Section I:** HE Agar is a selective and differential medium used for the isolation and differentiation of Gram-negative enteric pathogen.

**Section II:** SS Agar is recommended for use as a selective and differential medium for the isolation of *Salmonella* and some *Shigella* species from clinical and non-clinical specimens.

15x100mm biplate,
10/pk J139

## HTM Agar

(Haemophilus Test Medium)

For disk diffusion susceptibility testing of *Haemophilus* spp.

15x100mm plate,
10/pk G33

15x150mm plate,
10/pk H07

## Inhibitory Mold Agar

For the selective isolation of pathogenic fungi, contains chloramphenicol for inhibition of bacteria.

15x100mm plate,
26ml deep fill,
10/pk W25

20x125mm glass tube,
10ml slant,
20/pk L47

HardyFlask™, 12ml slant,
20/pk X20

## Inhibitory Mold Agar with Gentamicin

For the selective isolation of pathogenic fungi; contains chloramphenicol and gentamicin.

15x100mm plate,
26ml deep fill,
10/pk W27

20x125mm glass tube,
10ml slant,
20/pk L49

## Iodine-Iodide Solution

For use with Tetrathionate Broth, Cat. no. K65.

1L polycarbonate bottle,
990ml fill,
Each Z139

## KF Streptococcus Agar

For the selective isolation and enumeration of fecal streptococci (including *Enterococcus*).

15x100mm plate,
10/pk G376

## KIA Slant

(Kligler Iron Agar)

For the identification of Gram-negative enteric bacteria based on hydrogen sulfide production and the fermentation of dextrose and lactose.

13x100mm glass tube,
4.5ml fill, 20/pk R70

16x125mm glass tube,
8ml fill, 20/pk L70

## Lactobacilli MRS Agar

For the isolation, enumeration, and cultivation of *Lactobacillus* spp.

15x60mm plate,
10/pk G197

15x100mm plate,
10/pk G117

*Lactobacillus fermentum* (ATCC® 9338) growing in Lactobacilli MRS Broth, Cat. no. K17.

Durham tube with trapped gas bubble.


LIA (Lysine Iron Agar) Slant, Cat. no. R22.


LIA (Lysine Iron Agar) Slant, Cat. no. L25.

## Lactobacilli MRS Broth

For the cultivation of lactobacilli.

**Glass tube**

16x125mm, 9ml fill, 20/pk — K15

20x125mm, 20/pk — K317

16x125mm, with Durham tube, 9ml fill, 20/pk — K17

**Bottle**

500ml polycarbonate bottle, 500ml fill, 10/pk — U203

## Lactose Broth

For the cultivation of coliforms and *Salmonella* spp.

**Polypropylene bottle**

500ml bottle, 225ml fill, 10/pk — U145

## Lauryl Tryptose Broth with Durham Tube

For the detection of coliforms.

**Glass tube**

16x125mm, Single Strength, 10ml fill, 20/pk — K61

20x125mm, Single Strength, 13ml fill, 20/pk — K33

20x125mm, Double Strength, 10ml fill, 20/pk — K32

## Leeds Medium

For the selective isolation and differentiation of *Acinetobacter* spp.

15x100mm plate, 10/pk — G261

## Letheen Agar

For enumeration of microorganisms and evaluation of disinfectants in cosmetic products.

15x100mm plate, 10/pk — G42

20x125mm glass pour tube, 18ml deep fill, 20/pk — Q18

## Letheen Agar, Modified

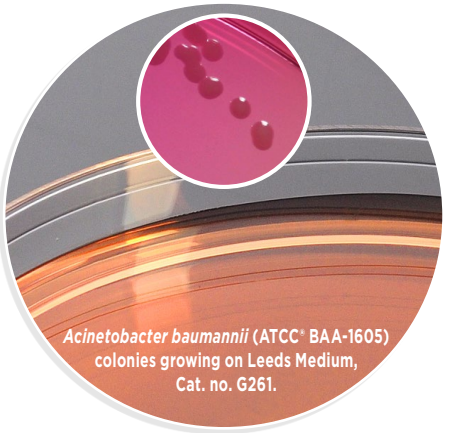
For enumeration of microorganisms and evaluation of disinfectants in cosmetic products.

15x100mm plate, 10/pk — G221

## Letheen Agar, Modified with Tween® 80, 1.5%

For enumeration of microorganisms and evaluation of disinfectants in cosmetic products.

15x100mm plate, 10/pk — W55



*Acinetobacter baumannii* (ATCC® BAA-1605) colonies growing on Leeds Medium, Cat. no. G261.

## Letheen Agar/MacConkey Agar Biplate

**Section I:** Letheen Agar is used for enumeration of microorganisms and evaluation of disinfectants in cosmetic products.

**Section II:** MacConkey Agar is used for the isolation and differentiation of Gram-negative organisms.

15x100mm biplate,
10/pk J110

## Letheen Broth

For cultivation of microorganisms and evaluation of disinfectants in cosmetic products.

**Glass tube**

16x125mm, 9ml fill,
20/pk K207

16x125mm, 10ml fill,
20/pk K106

**Polypropylene bottle**

1L, 1000ml fill,
10/pk U371

**Jar**

236ml wide mouth glass jar,
90ml fill, 12/pk U39

## Letheen Broth, Modified

For cultivation of microorganisms and evaluation of disinfectants in cosmetic products.
236ml wide mouth glass jar,
90ml fill,
12/pk U293

## LIA

(Lysine Iron Agar)

For the differentiation of Gram-negative enteric pathogens from normal enteric flora by hydrogen sulfide production, lysine deaminase, and lysine decarboxylase reactions.
13x100mm tube, 4.5ml slant,
20/pk R22

16x125mm tube, 8ml slant,
20/pk L25

## Liver Infusion Agar Selective

(Liver Infusion Selective Agar with Polymyxin B, Nalidixic Acid, Vancomycin)

For the selective isolation of fungi.
15x100mm plate,
10/pk W95

## LJ Gruft

(Lowenstein Jensen)

For the selective isolation of *Mycobacterium* spp.; contains penicillin, nalidixic acid, and RNA.
20x125mm glass tube,
10ml fill slant,
20/pk C23

HardyFlask™, 12ml slant,
20/pk X23

## LJ Medium

(Lowenstein Jensen)

For the cultivation of *Mycobacterium* spp.
20x125mm glass tube,
10ml slant,
20/pk C21

HardyFlask™, 12ml slant,
20/pk X22

## LJ with Ferric Ammonium Citrate, Slant

(Lowenstein Jensen)

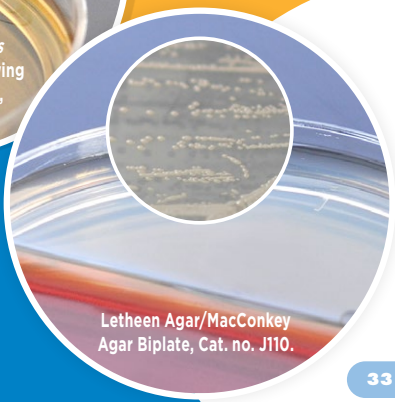
For the cultivation of *Mycobacterium* spp.
HardyFlask™,
20/pk X21

## LJ with Pyruvate

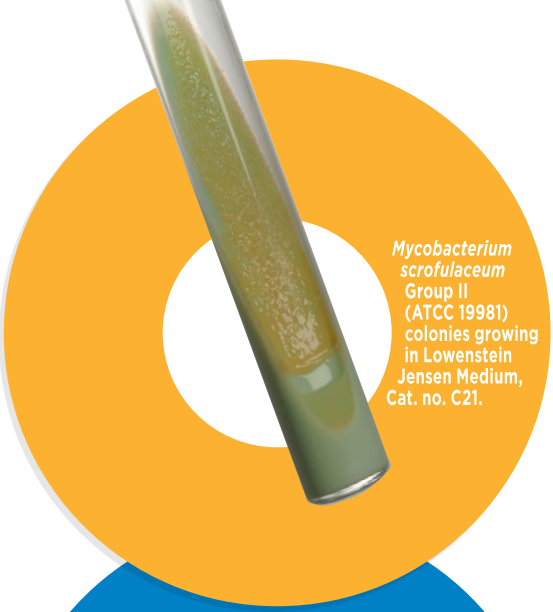
(Lowenstein Jensen)

For the cultivation of *Mycobacterium* spp., especially *Mycobacterium bovis.*
HardyFlask™, 12ml slant,
20/pk X19

*Lactobacillus acidophilus* (ATCC® 4356) colonies growing on Lactobacilli MRS Agar, Cat. no. G117.



Letheen Agar/MacConkey Agar Biplate, Cat. no. J110.



*Mycobacterium scrofulaceum* Group II (ATCC 19981) colonies growing in Lowenstein Jensen Medium, Cat. no. C21.

*Escherichia coli* growing on MacConkey Agar, USP, Cat. no. G35.

HardyFlask™ LJ with Iron, Cat. no. X21.

Stackable

*Pseudomonas aeruginosa* growing on m-PA Agar, Cat. no. G133.

### LKV Agar

(Brucella Agar with Laked Sheep Blood, Kanamycin, Vancomycin, Hemin, and Vitamin K)

For the selective isolation of Gram-negative anaerobic bacteria, especially *Bacteroides* spp.

15x100mm plate,
10/pk — A60

### Loeffler's Slant

For the cultivation of *Corynebacterium diphtheriae.*

16x100mm glass tube,
5.5ml slant,
20/pk — L28

### m EI Agar

(Enterococci Indicator)

For the selective chromogenic detection and enumeration of enterococci.

15x60mm plate,
10/pk — G124

### m Endo LES Agar

For the enumeration of coliforms.

15x60mm plate,
10/pk — G128

15x100mm plate,
10/pk — G28

### m FC Agar with 1% Rosolic Acid

(Membrane-Fecal Coliform Medium)

For the isolation and enumeration of fecal coliforms based on lactose fermentation.

11x50mm plate,
10/pk — G272

15x60mm plate,
10/pk — G126

## m HPC Agar
(Heterotrophic Plate Count)
For the enumeration of heterotrophic organisms.
15x100mm plate,
10/pk G195

## m PA Agar
(*Pseudomonas aeruginosa*)
For the cultivation and enumeration of *Pseudomonas aeruginosa*.
15x60mm plate,
10/pk G133

## m TEC Agar, Modified
For selective chromogenic differentiation and enumeration of *Escherichia coli*.
15x60mm plate,
10/pk G106

## MacConkey Agar
For isolation and differentiation of Gram-negative bacteria.

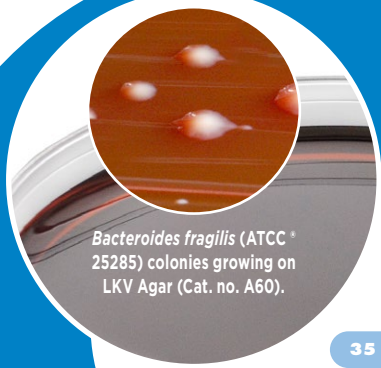
**Plate**
USP, 15x100mm,
10/pk G35
USP, 15x100mm,
100/pk G35BX
15x100mm,
reduced stacking ring,
10/pk GA35

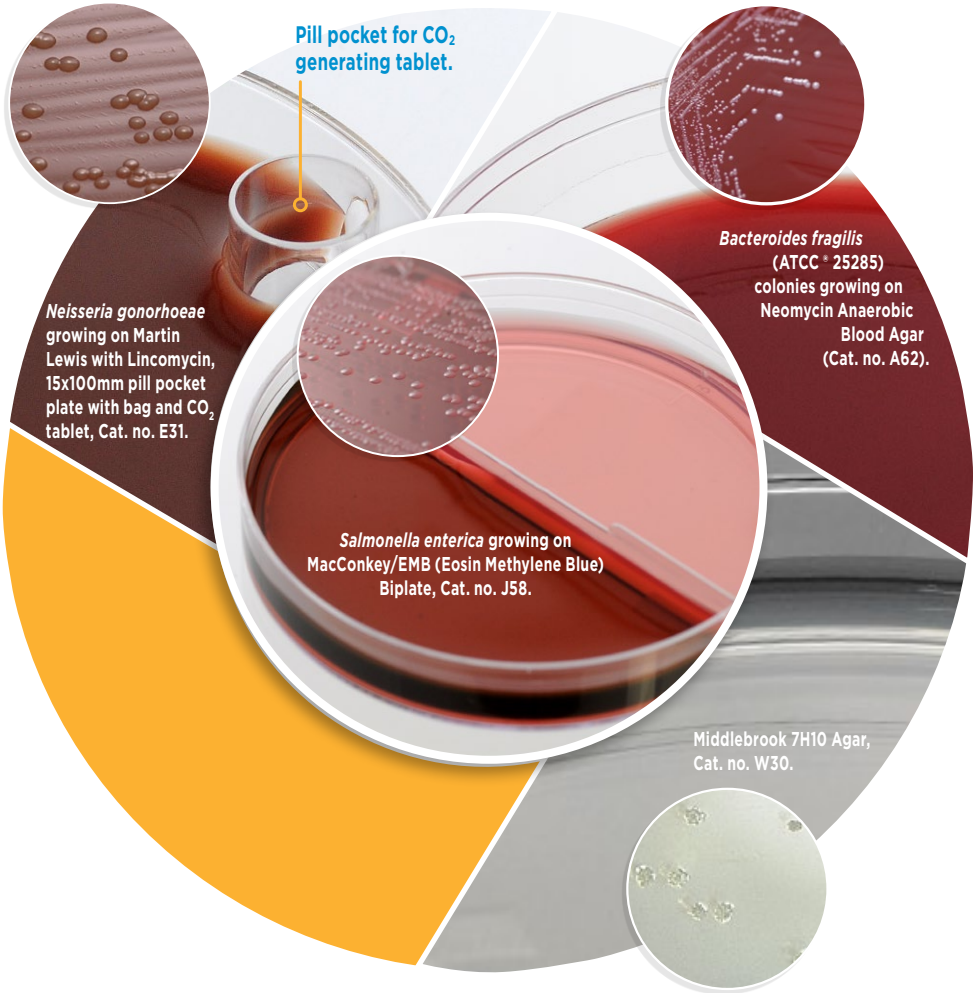
## MacConkey Agar with Sorbitol
For the detection of *E. coli* O157 (sorbitol negative).
15x100mm plate,
10/pk G36

## MacConkey/EMB Biplate
(Eosin Methylene Blue)
**Section I:** MacConkey Agar is recommended for use as a selective and differential medium for the isolation of Gram-negative bacilli (including coliform organisms and enteric pathogens), on the basis of lactose fermentation.
**Section II:** EMB Agar formulations are recommended for use as selective and differential media for the isolation of Gram-negative bacilli (including coliform organisms and enteric pathogens) from clinical and nonclinical specimens.
15x100mm biplate,
10/pk J58


m FC Medium with 1% Rosolic Acid, Cat. no. G126.
Fecal Coliforms


Membrane filtration technique.
m EI Agar, Cat. no. G124


*Bacteroides fragilis* (ATCC ® 25285) colonies growing on LKV Agar (Cat. no. A60).




### MacConkey Broth
For the detection of Gram-negative, lactose fermenting bacilli.
15X103mm polycarbonate tube, with Durham tube, 5ml fill,
20/pk K194

180ml wide mouth polycarbonate jar, 100ml fill,
12/pk U125

### Malt Extract Agar
For the cultivation and enumeration of yeasts and molds.
15x100mm plate, 26ml deep fill,
10/pk W28

### Malt Extract Agar with Lecithin and Tween
Contact plate,
10/pk P93

### Malt Extract Agar with 0.01% Chloramphenicol
For the selective isolation of fungi.
15x100mm plate, 26ml deep fill,
10/pk W80

### Martin Lewis with Lincomycin
(Martin Lewis Agar with Lincomycin, Colistin, Amphotericin, Trimethoprim, and Vancomycin)
For the selective isolation of *Neisseria gonorrhoeae.*
Pill pocket plate with bag and $CO_2$ tablet,
10/pk E31

15x100mm plate,
10/pk E39


MacConkey Broth, Cat. no. U125.

Middlebrook 7H9 Broth, 16x125mm tube, 10ml fill, Cat. no. C32.

*Mycobacterium fortuitum* Group IV (ATCC® 6841) colonies growing on Middlebrook 7H11 Agar, Cat. no. SP57.

## McFarland Standard

McFarland Latex Standards are more stable and offer a significantly longer shelf-life than the original barium sulfate standards.

**16x100mm glass tube, 8ml fill**

| | |
|---|---|
| # 0.5, Each | ML05 |
| # 1, Each | ML1 |
| # 2 Each | ML2 |
| # 3, Each | ML3 |
| # 4, Each | ML4 |
| # 5, Each | ML5 |
| # 6, Each | ML6 |
| # 7, Each | ML7 |
| # 8, Each | ML8 |

## Middlebrook 7H10 Agar

For the cultivation of *Mycobacterium* spp.

| | |
|---|---|
| 15x100mm plate, 26ml deep fill, 10/pk | W30 |
| 20x125mm glass tube, 10ml slant, 20/pk | C34 |
| HardyFlask™, 12ml slant, 20/pk | X26 |

## Middlebrook 7H11/7H11 Selective Agar Biplate

For the cultivation of *Mycobacterium* spp.

| | |
|---|---|
| 15x100mm biplate, 10/pk | J75 |

## Middlebrook 7H11 Agar

For the cultivation of *Mycobacterium* spp.

| | |
|---|---|
| 15x100mm plate, 28ml deep fill, 10/pk | W35 |
| 20x125mm glass tube, 10ml slant, 20/pk | C36 |
| HardyFlask™, 12ml slant, 20/pk | X25 |

## Middlebrook 7H11 Selective

For selective isolation of *Mycobacterium* spp.; contains carbenicillin, amphotericin B, polymyxin B, and trimethoprim lactate.

| | |
|---|---|
| 20x125mm glass tube, 10ml slant, 20/pk | C38 |
| 15x100mm plate, 28ml deep fill, 10/pk | W40 |
| HardyFlask™, 12ml slant, 20/pk | X28 |

## Middlebrook 7H11, Thin Pour

For the isolation and detection of mycobacteria using the micro-colony method. Thin pour plate for microscopic examination. Use with MycoSeal™, Cat. no. SS9225.

| | |
|---|---|
| SpaceSaver™ plate, 10x100mm, thin pour, 15/pk | SP57 |

## Middlebrook 7H9 Broth

For the cultivation of *Mycobacterium* spp.

| | |
|---|---|
| 16x125mm glass tube, 10ml fill, 20/pk | C32 |

## Middlebrook 7H9 Broth with Tween® 80

For the cultivation of *Mycobacterium* spp.

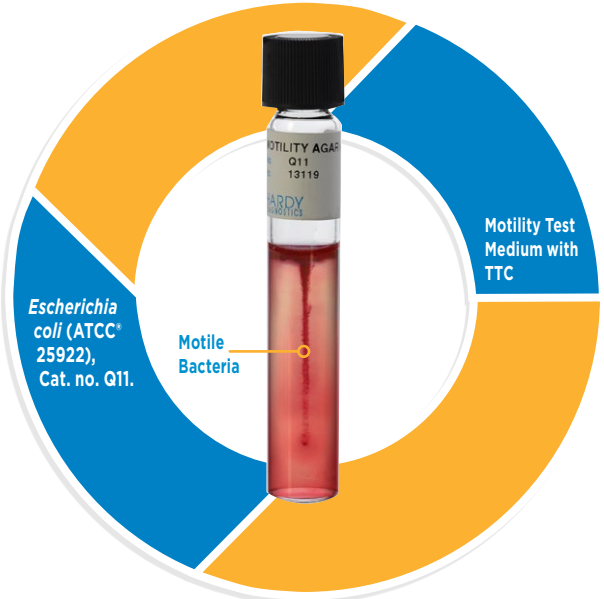
| | |
|---|---|
| 16x125mm glass tube, 5ml fill, 20/pk | C62 |

## MIL Medium

(Motility, Indole, Lysine Medium)

For the determination of motility, indole, lysine deamination, and lysine decarboxylation of Gram-negative bacilli.

| | |
|---|---|
| 16x100mm glass tube, 8ml deep fill, 20/pk | Q09 |





## MIO Medium
(Motility, Indole, and Ornithine Decarboxylase)
For the determination of motility, indole, and ornithine decarboxylation of Gram-negative bacilli.

| | |
|---|---|
| 13x100mm glass tube, 4ml fill, 20/pk | R24 |
| 16x100mm glass tube, 6.5ml fill, 20/pk | Q20 |

## Moeller's Decarboxylase
For the differentiation of Gram-negative enteric bacilli based on the decarboxylation reaction of amino acids.

**16x125mm glass tube, 5ml fill, 20/pk**

| | |
|---|---|
| With Arginine | Y42 |
| With Lysine | Y43 |
| With Ornithine | Y44 |
| Base Medium, Control | Y41 |

## Motility Test Medium with TTC
For the determination of motility in Gram-negative bacteria, contains triphenyltetrazolium chloride (TTC) growth indicator.
16x100mm glass tube, 8ml deep fill, 20/pk — Q11

## Motility Test Medium without TTC
For the detection of motility in bacteria, without triphenyltetrazolium chloride (TTC) growth indicator.
16x100mm glass tube, 8ml deep fill, 20/pk — Q10

## MRSA Screen Plate
(Methicillin-resistant *Staphylococcus aureus* with 4% NaCl and Oxacillin 6µg/ml)
Screen isolates to determine methicillin-resistance in *Staphylococcus aureus.*
15x100mm plate, 10/pk — G47
*(See HardyCHROM™ MRSA, page 27)*

## MR-VP Broth
(Methyl Red and Voges-Proskauer)
For the identification of Gram-negative bacilli.
15x103mm polycarbonate tube, 5ml fill, 20/pk — K37

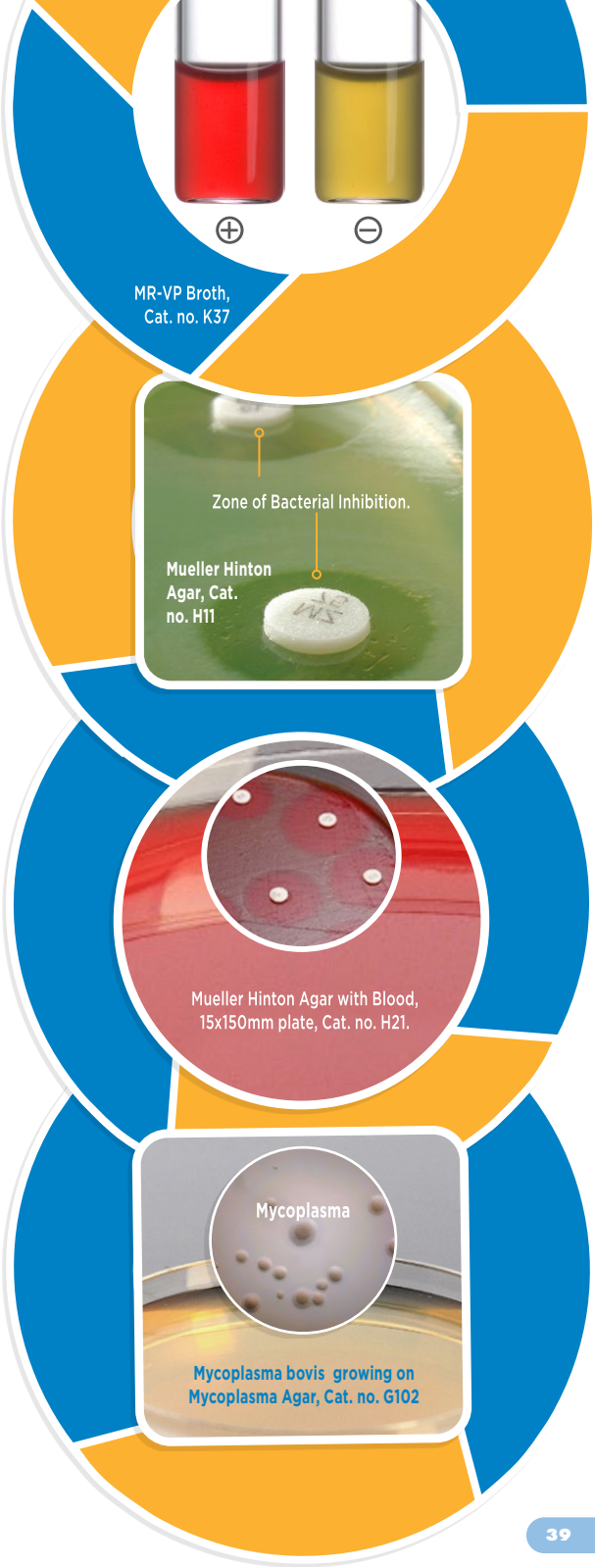
## MSA Agar
(Mannitol Salt)
For the selective isolation and differentiation of *Staphylococcus* spp.
15x100mm plate, 10/pk — G40

## MSA with Oxacillin
(Mannitol Salt Agar with 6.5% NaCl and 4µg/ml Oxacillin)
Screen isolates to determine methicillin-resistance in *Staphylococcus aureus.*
15x100mm plate, 10/pk — G97

## Mueller Hinton Agar
For antimicrobial susceptibility testing of non-fastidious bacteria using the disk diffusion (Kirby-Bauer) method.

| | |
|---|---|
| 15x100mm plate, 28ml fill, 10/pk | G45 |
| 15x150mm plate, 69ml fill, 10/pk | H11 |

**Left Positive: Enterobacter cloacae grown in MR-VP Broth.**
**Right Negative: Enterobacter cloacae grown in MR-VP Broth.**




## Mueller Hinton Agar with Blood

(Mueller Hinton Agar with 5% Sheep Blood)

For disk diffusion (Kirby-Bauer) susceptibility testing of *Streptococcus* spp. including *Streptococcus pneumoniae.*

15x100mm plate, 25ml fill, 10/pk — A59

15x150mm plate, 72ml fill, 10/pk — H21

## Mueller Hinton Broth

For the preparation of suspensions for disk diffusion (Kirby-Bauer) susceptibility testing.

13x100mm glass tube, 3ml fill, 20/pk — R38

## Mycobiotic Agar

For the selective isolation of pathogenic fungi, especially from hair, skin, and nail specimens; contains chloramphenicol and cycloheximide.

15x100mm plate, 26ml deep fill, 10/pk — W50

20x125mm glass tube, 10ml slant, 20/pk — L45

HardyFlask™, 12ml slant, 20/pk — X30

## Mycoplasma Agar

For the detection of *Mycoplasma* spp. associated with bovine mastitis.

15x100mm plate, 10/pk — G102

## Mycoplasma Broth

For the detection of *Mycoplasma* spp. associated with bovine mastitis.

13x100mm polycarbonate tube, 4ml fill, 20/pk — R102

## MYP Agar

(Mannitol Yolk Polymyxin Agar)

For the enumeration of *Bacillus cereus* from foods.

15x100mm plate,
10/pk G147

## NaCl (Salt Tolerance) 6.5% Broth

For the identification of *Enterococcus* spp.

**Tube with Indicator**

13x100mm polycarbonate,
1ml fill,
20/pk R26

15x103mm polycarbonate,
2ml fill,
20/pk K49

## Neomycin Anaerobic Blood Agar

(Blood Agar with 5% Sheep Blood, Hemin, Vitamin K, and Neomycin)

For the selective isolation of anaerobic bacteria.

15x100mm plate,
10/pk A62

## Neutralizing Buffer

Neutralizes the bacteriostatic effects of chlorine and quaternary ammonia compounds, allowing recovery of sensitive organisms.

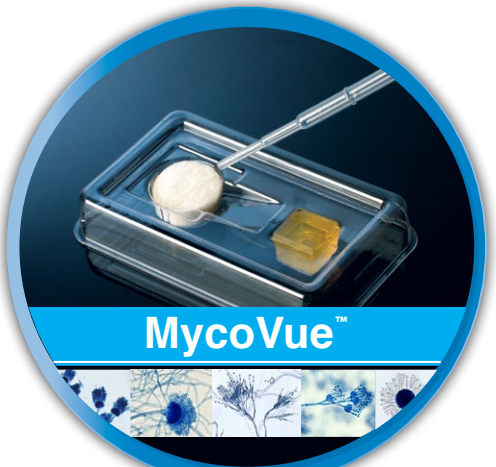
16x125mm glass tube,
10ml fill,
20/pk K105


Neomycin Anaerobic Blood Agar, 15x100mm plate, Cat. no. A62.


Trails left behind by *Acanthamoeba*.

*Acanthamoeba castellanii* (ATCC® 30010) growing in Non-nutrient Agar plate, Cat. no. G225.


Nutrient Agar with MUG, Cat. no. G114.




The ultimate ready-to-use method for slide culturing. View directly on the microscope. | **Fungal Slide Culture Made Easy!**

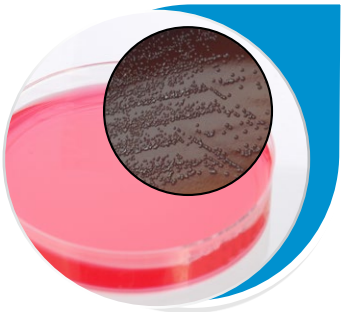
## MycoVue™ Slide Culture System

MycoVue™ is a ready-to-use slide culture system for the cultivation of fungi. Simplify your fungal slide cultures while saving money, reducing frustration, and eliminating preparation time. Desiccation is prevented with a built-in humidity chamber and the culture can be incubated for long periods of time. Device fits conveniently on the microscope stage for easy observation without disturbing fungal structures.

Each unit contains:

- 1 agar block in a molded plastic container, covered by a plastic tab
- 1 humidifying chamber
- 1 plastic coverslip
- 1 plastic lid

Potato Flake Agar,
5 trays/pk MV1



*Listeria monocytogenes* growing on PALCAM, Cat. no. G149.

## Nitrate Broth with Durham Tube

For the determination of nitrate reduction and gas production.
15x103mm polycarbonate tube, 20/pk K42

## Non-Nutrient Agar Plate

For the detection of free-living amoebae, including *Acanthamoeba* and *Naegleria* spp.
15x100mm plate, 20ml fill, 10/pk G225

## Nutrient Agar

For the cultivation of non-fastidious microorganisms.
15x100mm plate, 26ml deep fill, 10/pk W51

**Glass tube**
16x100mm, 5.5ml slant, 20/pk L20

## Nutrient Agar with MUG

(Methylumbelliferyl Glucuronide)
For the detection and enumeration of *E. coli.*
15x60mm plate, 10/pk G114

## Nutrient Broth

A general purpose growth medium recommended for use in the cultivation of nonfastidious microorganisms.
15x103mm polycarbonate tube, 5ml fill, 20/pk K43
125ml polypropylene bottle, 100ml fill, 12/pk U234

*Escherichia coli* (ATCC ® 25922) growing in ONPG Rapid Test Broth Cat. no. R92.

## OF Media

For the detection of carbohydrate oxidation or fermentation by bacteria, base medium does not contain carbohydrate.
**13x100mm polycarbonate tube, 3ml fill, 20/pk**
With Dextrose Y57

## ONPG Rapid Test Broth

For the rapid determination of beta-galactosidase activity in Gram-negative bacilli.
13x100mm polycarbonate tube, 0.5ml fill, 20/pk R92

## Orange Serum Agar

For the cultivation and enumeration of aciduric bacteria and fungi.
15x60mm plate, 11ml fill, 10/pk G91
15x100mm plate, 18ml fill, 10/pk G181

## Oxford Medium, Modified

For the selective isolation and differentiation of *Listeria monocytogenes.*
15x100mm plate, 10/pk G46

OF Media, with Dextrose (positive), Cat. no. Y57.

## Page's Saline

For detecting the presence of free-living amoebae cysts and trophozoites in tissue, soil, or water samples; for use with Non-Nutrient Agar, Cat. no. G225.
13x100mm polycarbonate tube, 2ml fill, 20/pk R225

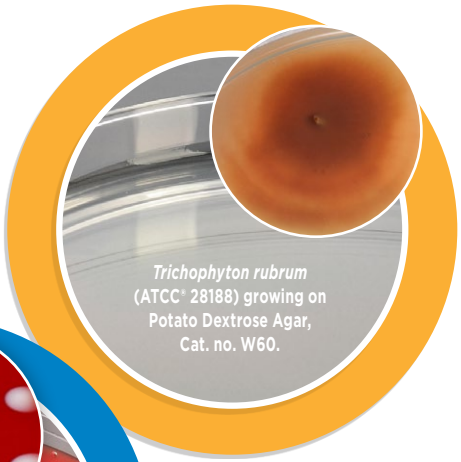
## PALCAM

(Polymyxin Acriflavin Lithium-chloride Ceftazidime Esculin Mannitol)
For the isolation and cultivation of *Listeria* spp.
15x100mm plate, 10/pk G149

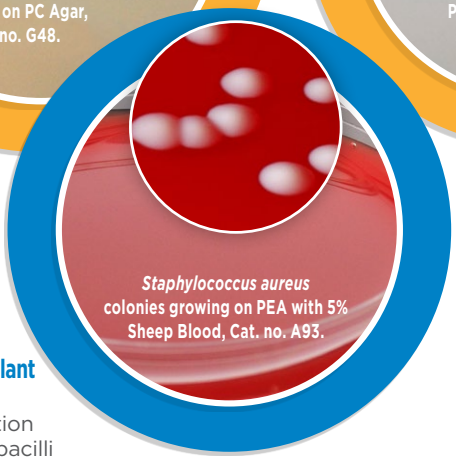
## PC Agar

(*Pseudomonas cepacia*)
For the selective isolation of *Pseudomonas* (*Burkholderia*) *cepacia.*
15x100mm plate, 10/pk G48

*Burkholderia* (*Pseudomonas*) *cepacia* (ATCC® 25416) colonies growing on PC Agar, Cat. no. G48.



*Trichophyton rubrum* (ATCC® 28188) growing on Potato Dextrose Agar, Cat. no. W60.



*Staphylococcus aureus* colonies growing on PEA with 5% Sheep Blood, Cat. no. A93.

## Phenylalanine Agar Slant

(Phenylalanine alcohol)

For the differentiation of Gram-negative bacilli based on the production of phenylpyruvic acid by oxidative deamination. 10%, Cat no. Z63 not included.

16x100mm glass tube, 6.5ml slant,

20/pk L21

## PEA with 5% Sheep Blood

(Phenylethyl Alcohol Agar)

For use in the cultivation and selective isolation of anaerobic Gram-positive bacteria.

15x100mm plate,

10/pk A93

## Peptic Digest Agar with Fildes and Nafcillin

For the selective isolation and cultivation of *Haemophilus* spp.

15x100mm plate,

10/pk G141

## Peptone Water

(Peptone Broth, Peptone Salt)

For use as a diluent and for the preparation of suspensions, contains 0.1% Proteose Peptone.

**With Sodium Chloride:**

with 1% Sodium Chloride, 20x125mm glass tube, 9ml fill,

20/pk K47

**Without Sodium Chloride:**

500ml polycarbonate bottle, 500ml fill,

10/pk U201

## Peptone Salt

For use as a diluent and for the preparation of suspensions. Contains 0.1% Proteose Peptone and 0.85% NaCl.

180ml polycarbonate jar, 90ml fill,

12/pk U390

## Phenol Red Broth with Durham Tube

For the differentiation of microorganisms by carbohydrate fermentation. Phenol Red Broth contains a Durham tube for gas detection; base medium does not contain carbohydrate.

**16x125mm glass, 10ml fill, 20/pk**

With Dextrose Y304

With Lactose Y309

## Phosphate Buffered Saline (PBS), pH 6.8

For preparation of specimens for AFB culture.

**Tube**

13x100mm polycarbonate, 3ml fill,

20/pk R196

**Bottle**

60ml polypropylene, 40ml fill,

25/pk X43

500ml polycarbonate, 500ml fill,

Each U10

## Phosphate Buffered Saline (0.01M) with 0.02% Tween® 80

Recommended for use in performing microbial sampling, culture, and surveillance procedures for reprocessed endoscopes.

125ml polycarbonate bottle, 50ml fill,

16/pk U334

### Phosphate Buffered Saline, pH 7.5

Used to prepare dilutions.

13x100mm polycarbonate tube, 1ml fill,
20/pk R201

16x125mm polycarbonate tube, 9ml fill,
20/pk K146

16x125mm polycarbonate tube, 7ml fill,
20/pk K148

16x125mm polycarbonate tube, 9.9ml fill,
20/pk K163

125ml polypropylene bottle, 100ml fill,
Each U137

1L polycarbonate bottle, 1000ml fill,
10/pk U138

### Phosphate Buffer with Magnesium Chloride

For preparation of dilutions

**Dilu-Lok™ Vial, 145ml polypropylene vial, with flip-top lid, 50/pk:**

90ml fill D690
99ml fill D699

### Phosphate Buffered Saline with 0.05% Tween 20

PBS is used during specimen processing for recovery of bacterial endospores. Recommended as a component of anthrax screening programs for use in nasal swab heat-shock procedures for recovery of *Bacillus anthracis* endospores.

125ml polypropylene bottle, HDPE, 100ml fill,
12/pk U235

### PLET Agar

(Polymyxin Lysozyme EDTA Thallous Acetate)

For the selective isolation of *Bacillus anthracis* from environmental samples, animal products, carcasses, and clinical samples from non-sterile sites.

15x100mm plate,
10/pk G153

### Potato Dextrose Agar, USP

For the cultivation of fungi.

**Plate**

15x100mm, 26ml deep fill,
10/pk W60

**Tube**

20x125mm glass, 10ml slant,
20/pk L90

### Potato Dextrose Agar with Chlortetracycline

For the selective cultivation of fungi from cosmetics.

15x100mm plate,
26ml deep fill, 10/pk W93

### Potato Dextrose Agar with Chloramphenicol

For the selective cultivation of fungi.

15x100mm plate,
28ml fill, 100/pk W94BX

### Potato Dextrose Agar with TA

(Tartaric Acid)

For the cultivation of fungi from food and dairy products.

15x100mm plate,
28ml deep fill,
10/pk W96

### Potato Flake Agar

For the cultivation of fungi. Induces conidia and spore formation.

15x100mm plate,
26ml deep fill,
10/pk W59

HardyFlask™, 12ml slant,
20/pk X32


Phosphate Buffer with Magnesium Chloride, Cat. no. D690.

## Potato Flake Selective Agar

For the selective isolation of pathogenic fungi.
15x100mm plate,
26ml deep fill, 10/pk W159

## PPLO Selective Agar

(Pleuropneumonia-Like Organisms)
For the selective isolation of Mycoplasma and ureaplasma, especially *Mycoplasma pneumoniae.* With amphotericin B, and penicillin, 15x60mm plate,
10/pk G04

## Pseudomonas Agar F

(Pseudomonas Agar Fluorescein)
For the identification of *Pseudomonas aeruginosa* and the detection of fluorescein, a fluorescent greenish-yellow pigment.
15x100mm plate,
10/pk G198

## Pseudomonas Agar P

For enhancement of pyocyanin production by *Pseudomonas aeruginosa.*
15x100mm plate,
18ml fill, 10/pk G201

## Pseudomonas Isolation Agar

For the selective isolation of *Pseudomonas aeruginosa.*
15x60mm plate,
10/pk G145
15x100mm plate,
10/pk G219

## R10 Broth

(Rappaport-Vassiliadis R10 Broth)
For the selective enrichment of *Salmonella* spp.
16x125 glass tube, 10ml fill,
20/pk K167

## Rapid Ornithine

This test will assist in the identification of Enterobacteriaceae and *Staphylococcus lugdunensis*; detects ornithine decarboxylase activity in as little as two to four hours.
15x103mm polycarbonate tube, 1ml fill, 20/pk K279

**Rapid Ornithine, Showing positive (right) *Staphylococcus lugdunensis* (ATCC® 49576) and negative (left) *Staphylococcus epidermidis* (ATCC® 12228) reactions on Rapid Ornithine within 4 hours, Cat. no. K279.**

***Burkholderia (Pseudomonas) cepacia* (ATCC® 25416) growing on Pseudomonas Isolation Agar, Cat. no. G145**

***Pseudomonas aeruginosa* growing on Pseudomonas Agar F, Cat. no. G198.**

***Bordetella pertussis* (ATCC® 9797) growing on Regan-Lowe Agar, Cat. no. A65.**

**Rappaport-Vassiliadis R10 Broth, Cat. no. K167**

## Regan-Lowe Agar
(Charcoal Blood Agar with 10% Horse Blood and Cephalexin)
For the selective isolation of *Bordetella pertussis*.
15x100mm plate,
10/pk A65

## Regan-Lowe Semisolid
(Charcoal Blood Agar with 10% Horse Blood and Cephalexin)
A semisolid medium developed specifically for *Bordetella pertussis*.
13x100mm polycarbonate tube, 4ml deep fill,
20/pk Q32

## Rose Agar
For the selective isolation of Gram-positive bacteria
15x100mm plate,
10/pk A66

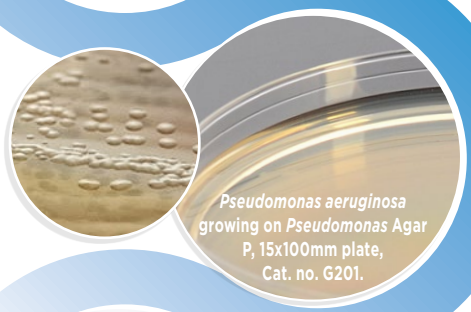
## Rose/MacConkey Biplate
(Rose Agar, Selective For Gram-Positive Bacteria/MacConkey Agar, Selective for Gram-Negative Bacteria)

**Section I**: Rose Agar is recommended for use as a selective growth medium for the cultivation and isolation of Gram-positive cocci from clinical and non-clinical specimens which contain mixed flora.

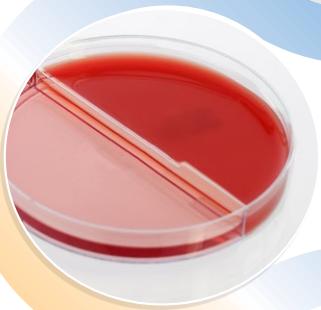
**Section II:** MacConkey Agar is recommended for use as a selective and differential medium for the isolation of gram-negative bacilli (including coliform organisms and enteric pathogens), on the basis of lactose fermentation.

15x100mm biplate,
10/pk J85

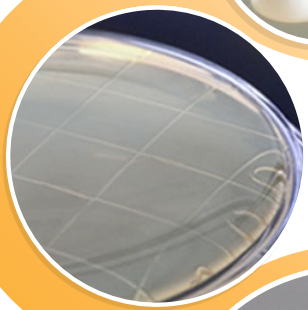
## Rose Bengal Agar with Chloramphenicol
For the selective isolation and enumeration of fungi.
Contact plate,
10/pk P42
20x150mm glass tube,
20ml fill, 100/pk Q81



***Pseudomonas aeruginosa*** growing on ***Pseudomonas*** Agar P, 15x100mm plate, Cat. no. G201.



**Rose/MacConkey Biplate (Rose Agar, Selective For Gram-Positive Bacteria/ MacConkey Agar, Selective for Gram-Negative Bacteria), Cat. no. J85.**



***Candida albicans*** growing on SabDex Agar, contact plate, 15ml fill, Cat. no. P36.

***Trichophyton mentagrophytes*** (ATCC® 9533) colonies growing on Sabouraud Dextrose Agar, Emmons, Cat. no. W20.

## RTF Modified Casman Agar

(Rousseau, Trowbridge, Fisher)

For the cultivation and differentiation of fastidious microorganisms, especially *Haemophilus* spp. by hemolytic reactions.

15x100mm plate,
10/pk A68

## RV Broth, USP

(Rappaport-Vassiliadis Broth)

For the selective enrichment of *Salmonella* spp.

16x125mm glass tube,
10ml fill,
20/pk K246

## SabDex Agar

(Sabouraud Dextrose)

For the cultivation of fungi.

**USP, Plate**

SterEM™, 15x100mm plate,
18ml fill, irradiated,
triple bagged,
10/pk W1770

**Plate**

USP, 15x100mm plate,
26ml deep fill,
10/pk W70

Contact plate,
10/pk P36

**Glass tube**

20x125mm, 10ml slant,
20/pk L40

USP, 20x125mm, 18ml deep fill, 20/pk Q31

USP, 20x150mm, 20ml deep fill, 100/pk Q83

USP, 500ml, 500ml fill,
10/pk U353

**Flask**

HardyFlask™, 12ml slant,
20/pk X40

## SabDex Agar, Emmons

(Sabouraud Dextrose)

For the cultivation of fungi.

15x100mm plate,
26ml deep fill,
10/pk W20

HardyFlask™, 10ml fill,
20/pk X57

## SabDex Agar with C and G/DTM Biplate

(Sabouraud Dextrose Agar with Chloramphenicol and Gentamicin/ Dermatophyte Test Medium)

**Section I:** Sabdex Agar with C and G are recommended for the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and yeasts.

**Section II:** DTM is a selective and differential medium recommended for the cultivation and isolation of pathogenic dermatophytic fungi.

15x100mm biplate,
10/pk J107

## SabDex Agar with Chloramphenicol

(Sabouraud Dextrose Agar with Chloramphenicol)

For the selective isolation of fungi.

15x100mm plate,
26ml deep fill,
10/pk W72

HardyFlask™, 12ml slant,
20/pk X41

## SabDex Agar with Chloramphenicol and Tetracycline

(Sabouraud Dextrose)

For the selective isolation of fungi.

15x100mm plate,
26ml deep fill,
10/pk W74

## SabDex Agar with Gentamicin and Chloramphenicol

(Sabouraud Dextrose)

For the selective cultivation of fungi and dermatophytes.

15x60mm plate,
10/pk G159

15x100mm plate,
26ml deep fill,
10/pk W73

## SabDex Agar with Lecithin and Tween® 80

(Sabouraud Dextrose)

For the isolation and cultivation of fungi and the neutralization of disinfectants.

500ml polypropylene bottle,
400ml fill,
10/pk U175

15x100mm plate,
26ml deep fill,
10/pk W71

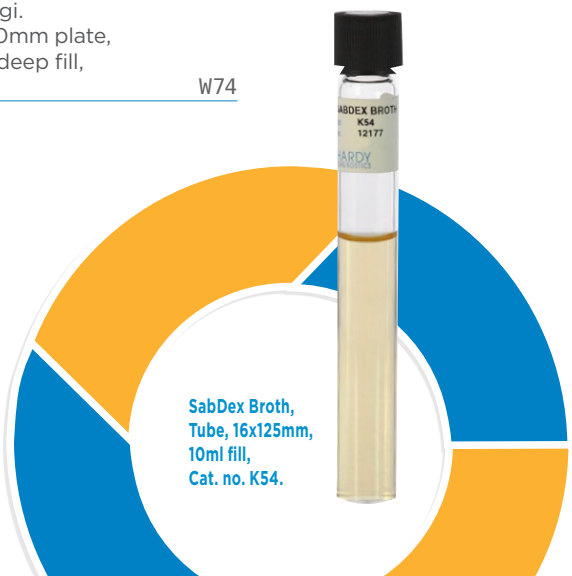
Contact plate,
10/pk P46

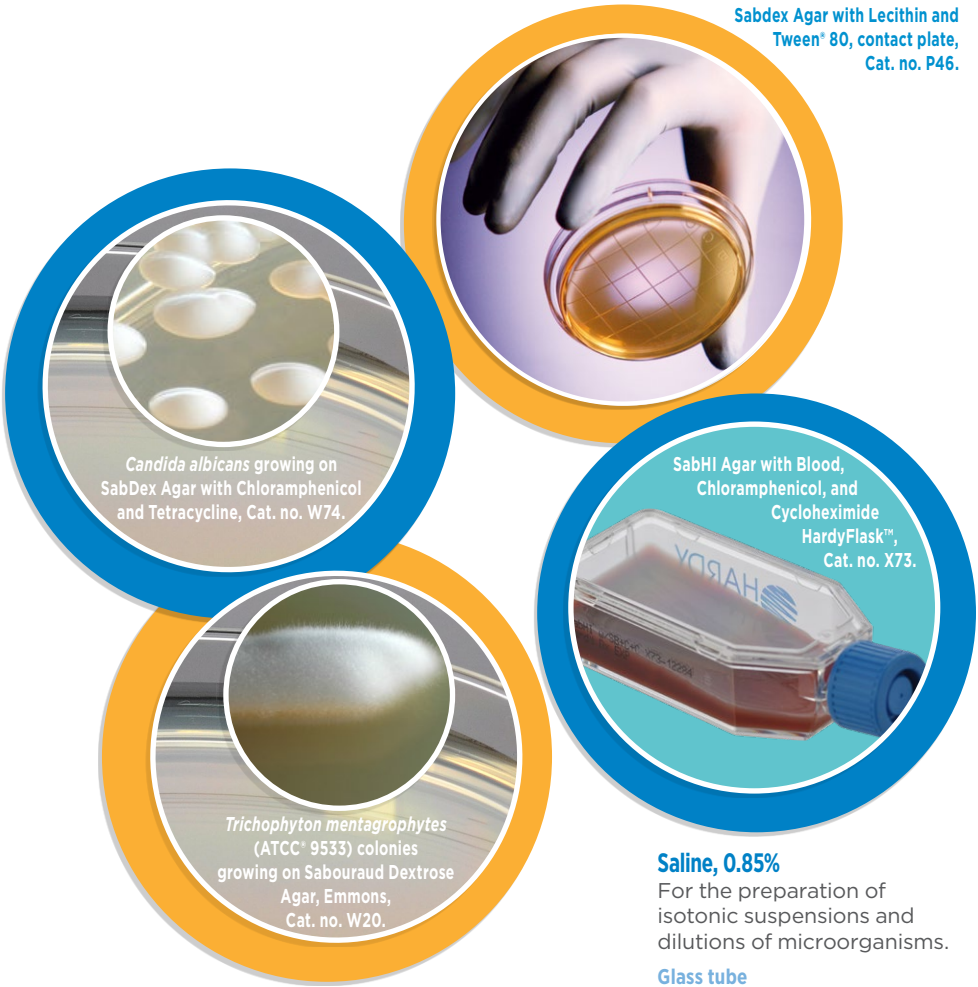
## SabDex Agar with Lecithin and Tween® 80, SterEM™, Irradiated

(Sabouraud Dextrose)

For the cultivation and enumeration of fungi and for environmental monitoring. Neutralizes disinfectants.

15x100mm plate, 34ml fill,
triple bagged,
10/pk W595






## SabDex Broth

(Sabouraud Dextrose)

For the cultivation of fungi.

**Glass tube**

16x125mm, 10ml fill,
20/pk — K54

**USP, polycarbonate bottle**

125ml, 100ml fill,
16/pk — U73

## SabHI Agar

(Sabouraud-Brain Heart Infusion)

For the cultivation of fungi.

HardyFlask™, 12ml fill,
20/pk — X75

## SabHI Agar with Blood, Chloramphenicol, and Cycloheximide

(Sabouraud-Brain Heart Infusion)

HardyFlask™, 12ml fill,
20/pk — X73

## Saline, 0.45%

For the preparation of isotonic suspensions and dilutions of microorganisms.

11.75x75mm glass tube,
1.8ml fill,
100/pk — D12

## Saline, 0.85%

For the preparation of isotonic suspensions and dilutions of microorganisms.

**Glass tube**

13x100mm, 2ml fill,
20/pk — R55

16x100mm, 5ml fill,
20/pk — K59

16x100mm, 9ml fill,
20/pk — K52

20x150mm, 10ml fill,
20/pk — K58

**Polycarbonate tube**

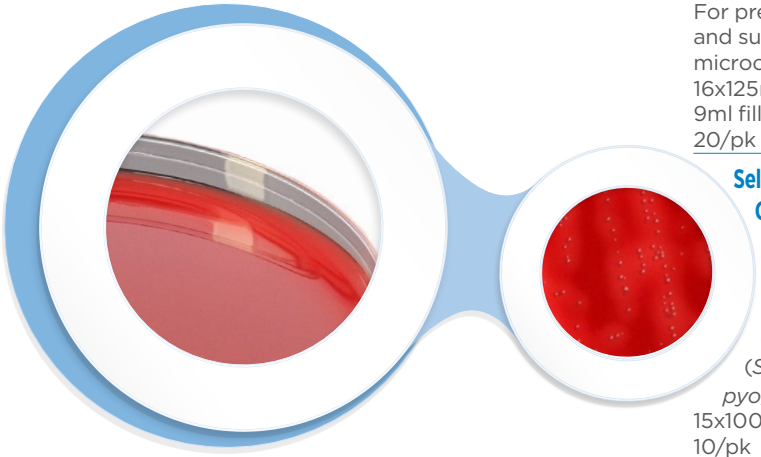
13x100mm, 2ml fill,
20/pk — R45

13x100mm, 4ml fill,
20/pk — R47

**Polypropylene bottle**

125ml, 100ml fill,
12/pk — U155

1L, 1000ml fill,
10/pk — U157



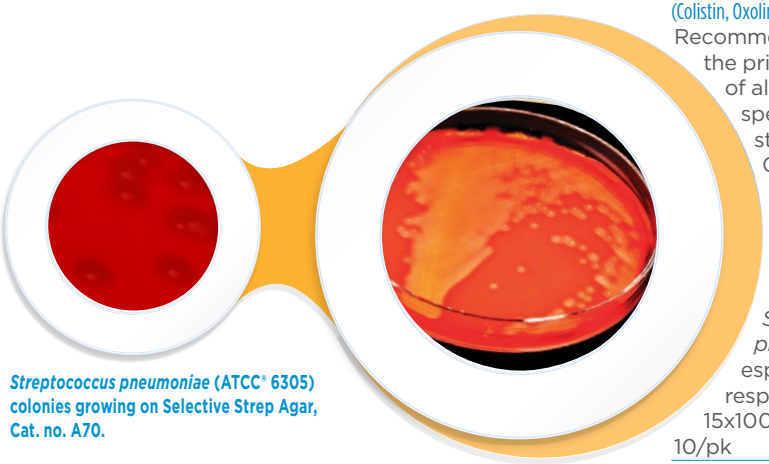
***Streptococcus pyogenes* growing on Selective Beta Strep Agar, Group A, Cat. no. A72.**

### Saline, 0.9% with 0.5% Tween® 80

For preparing dilutions and suspensions of microorganisms.
16x125mm glass tube, 9ml fill,
20/pk K123

### Selective Beta Strep Agar, Group A

Group A Beta Strep Agar is an enriched media for the selective isolation of Group A streptococci (*Streptococcus pyogenes*).
15x100mm plate,
10/pk A72



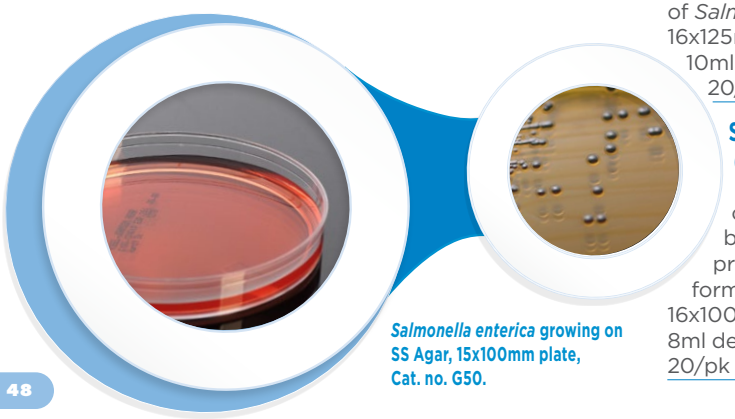
***Streptococcus pneumoniae* (ATCC® 6305) colonies growing on Selective Strep Agar, Cat. no. A70.**

### Selective Strep Agar (COBA Medium)

(Colistin, Oxolinic Acid in a Blood Agar Base)
Recommended for use in the primary isolation of all *Streptococcus* species, including streptococcal Groups A (*Streptococcus pyogenes*), B (*Streptococcus agalactiae*), C, D, F, G, and *Streptococcus pneumoniae*, especially from respiratory specimens.
15x100mm plate,
10/pk A70

### Selenite Cystine Broth

For the selective enrichment of *Salmonella* spp.
16x125mm glass tube, 10ml fill,
20/pk K69



***Salmonella enterica* growing on SS Agar, 15x100mm plate, Cat. no. G50.**

### SIM Medium

(Sulfide-Indole-Motility)
For the identification of Gram-negative bacilli based on sulfide production, indole formation, and motility.
16x100mm glass tube, 8ml deep fill,
20/pk Q30

*Salmonella enterica* (ATCC® 14028) colonies growing on Tergitol 7 Agar with TTC, Cat. no. G58.

## Simmons Citrate Agar

For the detection of citrate utilization by Gram-negative enteric bacilli.
16x100mm glass tube, 5.5ml slant,
20/pk L80

## Skim Milk Agar

For the cultivation and differentiation of microorganisms based on proteolytic activity.
15x60mm plate,
10/pk G138

## SP4 Agar

For the selective cultivation and differentiation of *Mycoplasma* spp.

### With Arginine

15x60mm plate,
10/pk G32

## SP4 Broth

For the selective cultivation and differentiation of mycoplasma including *Mycoplasma hominis, Mycoplasma pneumoniae,* and *Ureaplasma urealyticum.*

### With Arginine

13x100mm polycarbonate tube, 2ml fill,
20/pk R85

### With Glucose

125ml polypropylene bottle, 90ml fill,
Each U86

*Vibrio parahaemolyticus* (ATCC® 17802) colonies growing on TCBS Agar, Cat. no. G55.

### With Urea

13x100mm polycarbonate tube, 2ml fill,
20/pk R87

## SS Agar

(Salmonella Shigella)

For the isolation of pathogenic enteric bacteria, especially *Salmonella* and *Shigella* spp.
15x100mm plate,
10/pk G50

## Standard Methods Agar

(Plate Count Agar/TGY [Tryptone Glucose Yeast] Agar)

For the cultivation and enumeration of microorganisms.

### Glass tube

20x125mm, 18ml deep fill,
20/pk Q21

### Plate

15x100mm, 10/pk G43

### Glass bottle

118ml glass, 100ml fill,
20/pk U95

500ml glass, 400ml fill,
12/pk U395

*Pseudomonas aeruginosa* (ATCC® 27853) growing on Skim Milk Agar, Cat. no. G138.

## Sterile Deionized Water

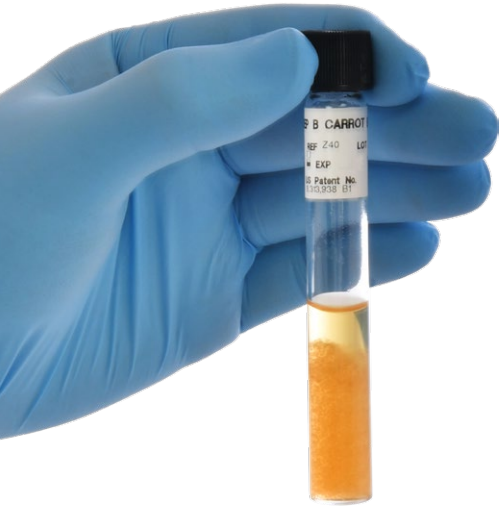
Sterile deionized water lacks ions such as sodium, calcium, iron, and copper. Useful for general laboratory use and for the preparation of dilutions and suspensions.
13x100mm tube, 5ml fill,
20/pk K187

125ml polypropylene bottle, 100ml fill,
12/pk U85

1L polycarbonate bottle, 1000ml fill, 10/pk
U284

## Sterile Water

For use in performing microbial sampling, culture, and surveillance procedures for reprocessed endoscopes.
125ml polycarbonate bottle, 50ml fill,
16/pk U336



## Strep B Carrot Broth™ One-Step

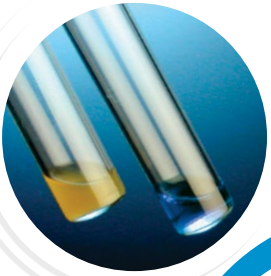
Strep B Carrot Broth™ One-Step is a selective and differential medium for the detection of Group B Streptococcus (GBS) from anovaginal specimens collected from pregnant women. The medium is used as an aid in the qualitative determination of GBS colonization in pregnant women. The color change reaction from white to orange is representative of a positive result for presence of hemolytic GBS.

Our one-step test is an improvement over conventional methods by increasing sensitivity, decreasing turn-around time, and lowering overall cost. All components are now included in the color change test, so the use of additional tiles is no longer necessary. Positives require no follow up testing!

- Easy one-step process! Place sample directly in the tube. Adding tiles is no longer necessary.
- Easy read-out. Development of any orange to red color whatsoever, indicates a positive result.
- For positives, there is no need for further sub-culturing or testing.
- Lower cost when compared to the LIM broth method.
- Can be used with liquid and gel-based transport systems.
- Carrot Broth media is available in multiple formats that work on many automated inoculating machines, such as the WASP® or BD Innova®

| | |
|---|---|
| 12x80mm plastic tube, compatible with the WASP® System, 100/pk | Z44BX |
| 13x100mm tube, 4ml fill, 20/pk | Z40 |
| 16x100mm tube, 6ml fill, compatible with BD Innova® 100/pk | Z46BX |

*(See GBS Detect Plate, page 25)*



Trehalose Broth, Rapid, showing positive results for *Candida glabrata* on the left, Cat. no. Z205.

Standard Methods Agar, Cat. no. Q21.

*Vibrio parahaemolyticus* (ATCC® 17802) colonies growing on TCBS Agar, Cat. no. G55.

## TAT Broth

(Tryptone-Azolectin-Tween®)

For use in the cultivation of microorganisms from highly viscous or gelatinous materials.

20x125mm glass tube, 9ml fill,
20/pk K251

125ml boston round glass bottle, 90ml fill,
20/pk U87

125ml boston round glass bottle, 99ml fill,
20/pk U78

236ml wide mouth glass jar, 90ml fill,
12/pk U77

236ml wide mouth glass jar, 99ml fill,
12/pk U88

## TB Base Digestant

For processing specimens for AFB culture; add NALC, Cat. no. Z60, upon use.

**Bottle**

60ml polypropylene, 50ml fill,
25/pk X45

125ml polypropylene, 100ml fill,
12/pk U22

500ml polypropylene, 500ml fill,
Each U20

## TCBS Agar

(Thiosulfate Citrate Bile Sucrose)

For the selective isolation of *Vibrio cholera* and *Vibrio parahaemolyticus.*

15x100mm plate,
10/pk G55

*(See HardyCHROM™ Vibrio, page 30)*

## Tergitol 7 Agar with TTC

For the isolation and differentiation of Gram-negative bacilli, contains triphenyltetrazolium chloride.

15x100mm plate,
10/pk G58

## Tetrathionate Broth

For selective enrichment of *Salmonella* spp., use with iodine-iodide solution, Cat. no. Z129.

16x125mm glass tube, 10ml fill,
20/pk K65

1L polycarbonate bottle, 1000ml fill,
10/pk U165

Tryptic Soy Agar, USP, tube, 20ml deep fill, Cat. no. Q85.

## Tetrathionate Broth with Brilliant Green

For the selective enrichment of *Salmonella* spp., use with iodine-iodide solution, Cat. no. Z129.

16x125mm glass tube, 10ml fill, 20/pk K164

## Thayer Martin Agar

For the selective isolation of *Neisseria gonorrhoeae;* contains vancomycin, colistin, and nystatin.

15x100mm plate,
100/pk E130BX

## Thayer Martin Agar, Modified

For the selective isolation of *Neisseria gonorrhoeae;* contains vancomycin, colistin, nystatin, and trimethoprim.

15x100mm plate,
10/pk E30

## Thioglycollate with H and K

(Hemin and Vitamin K)

For the cultivation of anaerobic bacteria, filtered to remove dead bacteria.

**Glass tube**

16x100mm, 5ml fill,
20/pk K22

16x125mm, 10ml fill,
20/pk K24

## Thioglycollate without Indicator

For the cultivation of microorganisms filtered to remove dead bacteria

16x125mm glass tube,
10ml fill,
20/pk K29

## Thioglycollate without Indicator, with Supplements

For the cultivation of fastidious anaerobes; contains hemin, vitamin K, and a calcium carbonate chip as a buffer; filtered to remove dead bacteria.

16x125mm glass tube,
10ml fill, 20/pk K23

## Thioglycollate with Indicator

*(See Fluid Thioglycollate, page 24)*

## Todd Hewitt Broth

For the cultivation of *Streptococcus* spp.

15X103mm polycarbonate tube, 5ml fill,
20/pk K79

## Trehalose Broth, Rapid

Carbon Assimilation Test for the identification of yeasts, especially *Candida* (*Torulopsis*) *glabrata*.

13x100mm polycarbonate tube, 0.35ml fill,
20/pk Z205

## Tryptic Soy Agar

(TSA)

For the cultivation of microorganisms, also known as TSA or Soybean-Casein Digest Agar.

**USP, plate**

15x100mm,
10/pk G60

15x100mm,
100/pk G60BX

15x100mm, 26ml deep fill,
10/pk W64

15x150mm,
10/pk H19

**without plate label, orientation tabs, and logo**

15x100mm plate,
10/pk G62

**Glass tube**

16x100mm, 5.5ml slant,
20/pk L60

20x150mm, 20ml deep fill,
100/pk Q85

**USP, glass tube**

20x125mm, 18ml deep fill,
20/pk Q58

**USP, bottle**

250ml glass, 150ml fill,
20/pk U49

250ml glass,200ml fill,
12/pk U260

500ml glass, 400ml fill,
12/pk U360

500ml polycarbonate,
500ml fill, 10/pk U361

1L polycarbonate,
700ml fill, 10/pk U60

## TSA, SterEM™, Irradiated, USP

(Tryptic Soy Agar)

For general growth medium for the detection and enumeration of microorganisms from environmental sources.

15x100mm plate, 26ml deep fill, triple bagged,
10/pk W570

15x100mm plate, 26ml fill, with Lecithin and Tween® 80 double-bagged,
10/pk W520

15x100mm plate,
34ml deep fill, triple bagged,
10/pk W540

15x100mm, red tinted plate, 34ml deep fill, triple bagged,
10/pk W540R

## TSA with Cycloheximide

(Tryptic Soy Agar)

For general growth for the isolation and cultivation of microorganisms while inhibiting Saprophytic fungi.

15x100mm plate,
10/pk G70

## TSA with Lecithin and Tween® 80

(Tryptic Soy Agar)

For the cultivation and enumeration of microorganisms, neutralizes disinfectants.

**Lok-Tight™ Contact Plates**

10/pk P34

Irradiated, USP, 15ml fill, triple bagged,
10/pk P520

Irradiated, USP, red tinted, 15ml fill, triple bagged,
10/pk P520R

**USP, Plate**

USP, 15x100mm,
10/pk G41

**Plate**

15x100mm, 27ml deep fill,
10/pk W41

**Bottle**

500ml polycarbonate, 400ml fill,
10/pk U174

500ml boston round glass bottle, 400ml fill,
12/pk U412

## TSA Blood/CLED/MAC

(Tryptic Soy Agar with 5% Blood/ Cystine-Lactose-Electrolyte-Deficient/ MacConkey Agar)

**Section I:** Blood Agar products are used as general purpose growth media for the isolation, cultivation, and differentiation of microorganisms.

**Section II:** CLED Agar is used for the isolation, enumeration, and presumptive identification of Gram-positive organisms on the basis of lactose fermentation, while controlling the swarming of *Proteus* spp.

**Section III:** MacConkey Agar is used as a selective and differential medium for the isolation of urinary pathogens bacilli, on the basis of lactose fermentation.

15x100mm triplate, 10/pk — J315

## TSA (Tryptic Soy Agar) with Lecithin and Tween® 80, USP

For the cultivation and enumeration of microorganisms.

Irradiated, triple bagged, 10/pk — P870

## TSB, USP, Bottles

(Tryptic Soy Broth)

For use as a general purpose medium for the isolation and cultivation of a wide variety of bacteria and fungi.

**Glass serum vial, needle port, crimp cap**

20ml, 15ml fill, 50/pk — U82

20ml, 20ml fill, 50/pk — U38

20ml, 10ml fill, 50/pk — U8210

100ml, 50ml fill, 20/pk — U267

100ml, 100ml fill, 20/pk — U46

**Glass bottle, needle port**

500ml, 500ml fill, 10/pk — U274

**Glass bottle**

60ml boston round, 50ml fill, 24/pk — U44

125ml boston round, 100ml fill, 20/pk — U42

**Polycarbonate bottle**

125ml, 100ml fill, with needle port cap, 16/pk — U141

250ml, square bottom, 160ml fill, 12/pk — U171

500ml, 500ml fill, Each — U65

1L, 1000ml fill, 10/pk — U67

**Polycarbonate jar**

180ml, wide mouth, 90ml fill, 12/pk — U133

180ml, wide mouth, 100ml fill, 12/pk — U71

## TSB, Double Strength, USP

(Tryptic Soy Broth)

For the cultivation of microorganisms.

**USP**

180ml wide mouth polycarbonate jar, 50ml fill, 12/pk — U205

250ml glass bottle, 100ml fill, 12/pk — U70

**Bottle**

118ml glass, 25ml fill, 12/pk — U225


Tryptic Soy Broth, USP, with needle port sept Cat. no. U46.

## TSB Tubes

(Tryptic Soy Broth)

For use as a general purpose medium for the isolation and cultivation of a wide variety of bacteria and fungi.

**USP, Glass tube**

16x125mm, 10ml fill, 20/pk — K82

16x125mm, 10ml fill, 80 tubes in ReadyRack™ — K82BX

20x125mm, 15ml fill, 20/pk — K83

20x150mm, 20ml fill, 100/pk — K380

**Glass tube**

13x100mm, 2ml fill, 20/pk — R31

13x100mm, 5ml fill, 20/pk — R30

16x100mm, 9ml fill, 20/pk — K88

**Polycarbonate tube**

13x100mm, 1ml fill, 20/pk — R36

13x100mm, 3ml fill, 20/pk — R41

15x103mm, 2ml fill, 20/pk — K131

16x100mm, 5ml fill, 20/pk — K89

15x103mm, filtered, 1ml fill, 20/pk — K85

15x103mm, filtered, 2ml fill, 20/pk — K285

**With 15% Glycerol**

13x100mm polycarbonate tube, 2ml fill, 20/pk — R34

### TSB with 6.5% Sodium Chloride
(Tryptic Soy Broth)
For the differentiation of *Enterococcus* spp. from Group D streptococci.
15X103mm polycarbonate tube, 5ml fill,
20/pk K126

### TSB with Lecithin and Tween® 20, USP
(Tryptic Soy Broth)
For the cultivation of microorganisms.
240ml wide mouth jar, 90ml fill,
12/pk U241
240ml wide mouth jar, 100ml fill,
12/pk U261

### TSB with Lecithin and Tween® 80
(Tryptic Soy Broth)
For the cultivation of microorganisms.
20x125mm glass tube, 9ml fill,
20/pk K134
500ml polycarbonate bottle, 500ml fill,
10/pk U229
236ml glass, USP, wide mouth jar, 90ml fill,
12/pk U134G

### TSI Agar
(Triple Sugar Iron)
For the differentiation of Gram-negative bacilli.
13x100mm glass tube, 4ml slant,
20/pk R32
16x125mm glass tube, 8ml slant,
20/pk L50

### Tryptone Broth, 2%
For detecting indole production, use with Kovac's Reagent, Cat. no. Z67.
13x100mm polycarbonate tube, 2ml fill,
20/pk R40

### Tryptone Glucose Extract Agar
For the cultivation and enumeration of bacteria.
15x100mm plate,
10/pk G115

### Urea (Christensen's Urea) Agar Slant
For the detection of urease production in bacteria.
13x100mm glass tube, 3ml slant,
20/pk R42
16x100mm glass tube, 5.5ml slant,
20/pk L65

### Urea Medium, Rapid
For the rapid determination of urease activity.
15x45mm glass tube, 2ml fill,
10/pk Z54

### UVM Modified Listeria Broth
(Univesity of Vermont)
For the selective cultivation of *Listeria monocytogenes*.
500ml polycarbonate bottle, 225ml fill,
10/pk U153

### V9 Agar
(V8™ Juice and Potato Flakes)
For the cultivation of fungi. Induces sporulation.
15x100mm plate, 22ml deep fill,
10/pk G98

### Vogel and Johnson Agar
For the selective isolation of coagulase-positive, mannitol-positive staphylococci.
15x100mm plate,
10/pk G193

### VRBA
(Violet Red Bile Agar)
For the detection and enumeration of coliforms.
15x100mm plate,
10/pk G78

### VRBGA
(Violet Red Bile Agar with Glucose)
For the detection of Enterobacteriaceae.
15x100mm plate,
10/pk G178

### Wallenstein Media
For the cultivation of *Mycobacterium* spp. especially *Mycobacteria avium* complex.
20x125mm glass tube, 10ml slant,
20/pk C61

### Water with Tween® 80
(Deionized water with 0.02% Tween® 80)
For preparing dilutions.
20x125mm glass tube, 24ml fill,
20/pk V25

### XLD Agar
(Xylose Lysine Deoxycholate)
For selective isolation of pathogenic, enteric, Gram-negative bacteria.
15x100mm plate,
10/pk G65

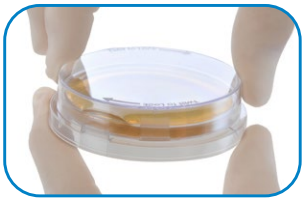
### XLT4 Agar
(Xylose Lysine Tergitol 4)
For the selective isolation of non-typhi *Salmonella* spp.
15x60mm plate,
10/pk G277
15x100mm plate,
10/pk G165

### XLT4 Agar/Brilliant Green Agar with Sulfadiazine Biplate
**Section I**: XLT-4 Agar is a highly selective plating medium for the detection and isolation of non-typhi *Salmonella* species.
**Section II:** Brilliant Green Agar with Sulfadiazine is recommended for the isolation of *Salmonella* spp., other than *Salmonella typhi* and *Salmonella paratyphi*, from food samples, especially eggs, following an enrichment procedure.
15x100mm biplate,
10/pk J131
*(See HardyCHROM™ Salmonella/XLT-4 Agar Biplate, page 28)*

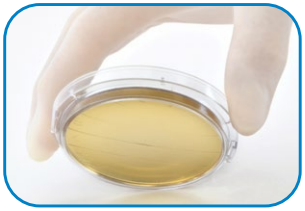
# Surface Sampling

# LOK TIGHT

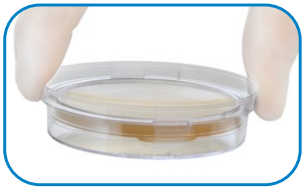
# Contact Plates

1. Twist and remove lid.



2. Gently press plate to surface without twisting or sliding.



3. Twist clockwise until frosted bands line up and lock lids into place. Incubate at 30 ºC - 35 ºC. After 48 - 72 hours, count the number of colonies. Record your results.

Friction Lid design keeps lid in place. Locking feature assures lids stay secured.

Surface sampling shall be performed in all ISO classified areas on a periodic basis per USP <797>

**TSA (Tryptic Soy Agar) with Lecithin and Tween® 80**
For the cultivation and enumeration of microorganisms.
10/pk P34

**SabDex (Sabouraud Dextrose) Agar**
For the cultivation of fungi.
10/pk P36

**MEA (Malt Extract Agar) with Lecithin and Tween**
For the cultivation and enumeration of fungi.
10/pk P93

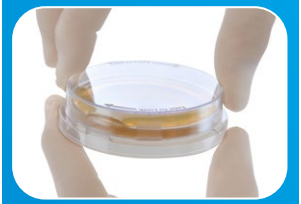
## IRRADIATED CONTACT PLATES

**TSA (Tryptic Soy Agar) with Lecithin and Tween® 80, USP**
For the cultivation and enumeration of microorganisms.
Irradiated, triple bagged,
10/pk P520

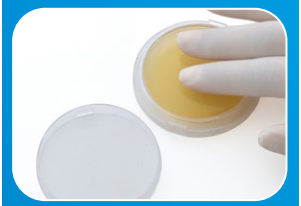
Red tinted plate, triple bagged,
10/pk P520R

**SabDex (Sabouraud Dextrose) Agar with Lecithin & Tween® 80, USP**
For the cultivation of fungi.
Irradiated, triple bagged,
10/pk P595

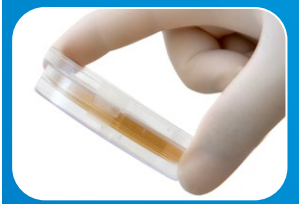
## FINGERTIP SAMPLING



1. Twist and remove lid.



2. Gently press glove tips to plate surface.



Twist lid clockwise until frosted bands line up and lid locks into place. Incubate at 30 °C - 35 °C. After 48 - 72 hours, count the number of colonies. Record your results.

# READYRACK™

## A CONVENIENT WAY

TO BRING MEDIA INTO A CONTROLLED AREA WHILE AVOIDING OUTSIDE CONTAMINATION.



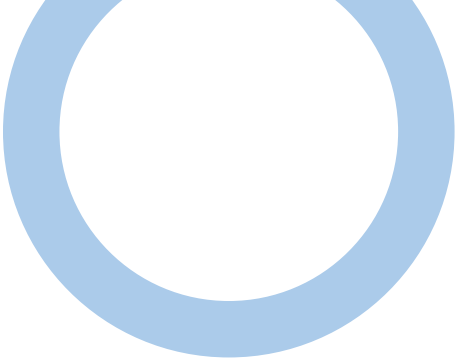
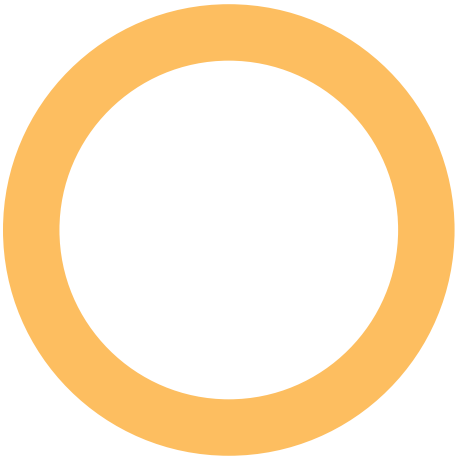

***Packaged in a Clean Environment to Reduce Particulates***

**Tryptic Soy Broth (TSB), USP**
16x125mm glass tube, 10ml fill,
80/pk K82BX

**Fluid Thioglycollate Medium (FTM), USP**
16x125mm glass tube, 10ml fill,
80/pk K212BX

**Other tube formats and fill volumes are available upon request.**
**Call (800) 266-2222 ext. 5696**

# NOTES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