



VETERINARY

Microbiology



HARDY
DIAGNOSTICS

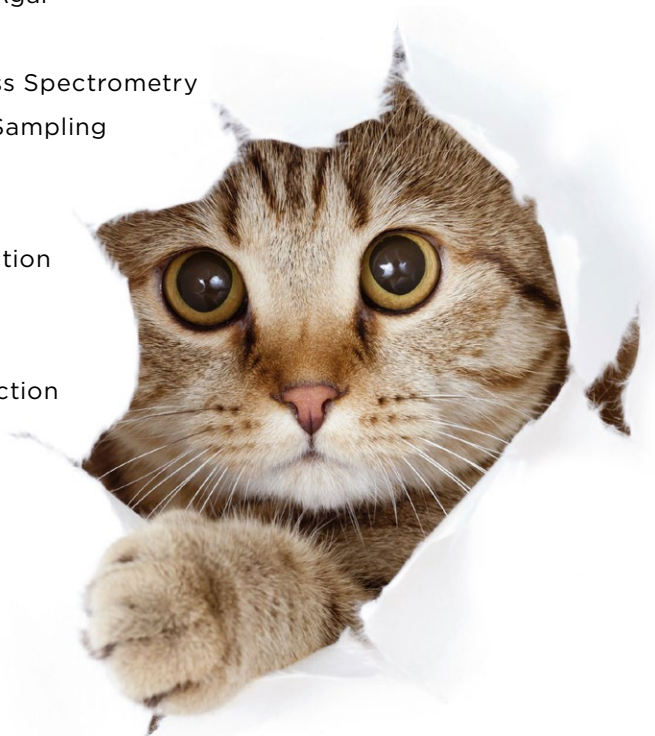
A Culture of Service™

VETERINARY

Microbiology

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Anaerobic Culture Media

Anaerobic Indicator with Resazurin

A sensitive resazurin indicator of anaerobic conditions. Color changes from pink to white. More sensitive than methylene blue indicators.
100 strips/bx BR55

Anaerobic Phenylethyl Alcohol Agar (PEA)

For the isolation of anaerobic bacteria. CDC formula with phenylethanol, 5% sheep blood, hemin, and vitamin K.
15x100mm plate, 20/bx A90

AnaeroGen™ Compact System

For the rapid generation of an anaerobic environment to cultivate anaerobic microorganisms. Suitable for incubation of up to four plates.
20/pk AN020C

AnaeroGen™ 2.5 Liter Sachets

For the rapid generation of an anaerobic environment necessary to cultivate anaerobic microorganisms for use with 2.5L jars.
10/pk AN25US

AnaeroGRO™ MultiPak A, Brucella w/H&K (Hemin and Vitamin K) plate, PEA (Phenylethyl Alcohol Agar) plate, & BBE/LKV (Bacteroides Bile Esculin/Laked Blood with Kanamycin and Vancomycin) Pre-reduced Media

Three 15x100mm biplates AG303

AnaeroGRO™ MultiPak B, Brucella w/H&K (Hemin and Vitamin K) plate, LVK (Laked Blood with Kanamycin and Vancomycin) plate, & PEA (Phenylethyl Alcohol Agar) plate, Pre-reduced Media

Three 15x100mm biplates AG313

Brucella Blood Agar with Hemin and Vitamin K

A non-inhibitory general growth medium for all Gram-positive and Gram-negative anaerobic bacteria.
15x100mm plate, 10/pk A30

LKV Agar (Laked Blood with Kanamycin and Vancomycin)

For the selective isolation of Gram-negative anaerobic bacteria, especially *Bacteroides* spp.
15x100mm plate, 10/pk A60

Neomycin Anaerobic Blood Agar

For the selective isolation of fastidious anaerobic bacteria.
15x100mm plate, 10/pk A62

Thioglycollate

For the cultivation of aerobic, microaerophilic, and anaerobic microorganisms.
With H and K, 5ml, 16x100mm tube, 20/pk K22
With H and K, 10ml, 16x125mm tube, 20/pk K24
With Indicator, 10ml, 16x125mm tube, 20/pk K21
Without Indicator, 10ml, 16x125mm tube, 20/pk K29
With Supplements, 15ml, 20x125mm tube, 20/pk K28
With Supplements, 10ml, 16x125mm tube, 20/pk K23



General Culture Media

BHI Agar Plate, Deep Fill

For the cultivation and isolation of a variety of microorganisms, including bacteria, yeasts, and molds.

15x100mm plate, 10/pk W15

Bile Esculin Agar (BEA)

For the detection of group D streptococci/enterococci.

15x100mm plate, 10/pk G12

Blood Agar Plate, TSA with 5% Sheep Blood

For use as general purpose growth media for the isolation, cultivation, and differentiation of a wide variety of microorganisms.

15x100mm plate, 10/pk A10

15x100mm plate, 100/bx A10BX

15x150mm plate, 10/pk H28

Butterfield's Phosphate Buffer

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

500ml bottle, 10/pk U190

Cetrimide Selective Agar, USP

For the selective isolation of *Pseudomonas aeruginosa*.

15x100mm plate, 10/pk G18

Chocolate Agar

For use in the isolation and cultivation of fastidious microorganisms, particularly *Haemophilus* and *Neisseria* species.

15x100mm plate, 10/pk E14

15x100mm plate, 100/bx E14BX

15x150mm plate, 100/bx H25

Columbia Blood Agar, with 5% Sheep Blood

For the cultivation of non-fastidious and fastidious microorganisms.

15x100mm plate, 10/pk A16

15x100mm plate, 100/bx A16BX

Columbia CNA Agar with 5% Sheeps Blood

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

15x100mm plate, 10/pk A50

15x100mm plate, 100/bx A50BX

CTA (Cystine Tryptic Agar) Media

For the determination of carbohydrate fermentation by fastidious organisms.

With Lactose, 13x100mm tube, 3ml deep, 20/pk Y13

With Mannitol, 13x100mm tube, 3ml deep, 20/pk Y15

With Sorbitol, 13x100mm tube, 3ml deep, 20/pk Y17

With Trehalose 13x100mm tube, 3ml deep, 20/pk Y20

With Salicin, 13x100mm tube, 3ml deep, 20/pk Y24

MacConkey Agar, USP

For the isolation of Gram-negative bacilli on the basis of lactose fermentation.

15x100mm plate, 10/pk G35

15x100mm plate, 100/bx G35BX



Blood Agar Plate, TSA with 5% Sheep Blood, Cat. no. A10

Malt Extract Agar with Chloramphenicol

For the cultivation, isolation, and maintenance of yeasts and molds.
15x100mm plate, 10/pk W80

Mannitol Salt Agar (MSA), USP

For the selective isolation and differentiation of *Staphylococcus* spp. based on high salt content and mannitol fermentation.
15x100mm plate, 10/pk G40

Middlebrook 7H9 Broth

For use in the cultivation of *Mycobacterium* spp.
16x125mm tube, 20/pk C32

Middlebrook 7H10

For use in qualitative procedures for the isolation and cultivation of *Mycobacterium* spp. Deep fill.
15x100mm plate, 10/pk W30

Middlebrook 7H11

For use in the isolation and cultivation of *Mycobacterium* spp. Deep fill.
15x100mm plate, 10/pk W35
With CAPT antibiotics,
15x100mm plate, 10/pk W40

Moeller's Ornithine Decarboxylase Broth

For the differentiation of Gram-negative enteric bacilli based on the decarboxylation reaction of amino acids.
16x125mm tube, 20/pk Y44

MR-VP Broth

(Methyl Red and Voges-Proskauer)
To aid in the identification of enteric Gram-negative bacilli.
5ml, 13x100mm tube, 20/pk K37

Rose Agar (CNA+PEA)

For use as a selective growth medium for the cultivation and isolation of Gram-positive cocci from specimens which contain mixed flora.
15x100mm plate, 10/pk A66

Saline 0.85%

Recommended for procedures that require the use of an isotonic diluent.
2ml, 13x100mm, 20/pk R45
5ml, 16x100mm, 20/pk K59

Sabdex Agar Slant

For the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and yeasts.
10ml, 20x125mm tube, 20/pk L40

Selective Strep Agar (COBA Medium)

For use in the primary isolation of all *Streptococcus* species, including streptococcal groups A (*S. pyogenes*), B (*S. agalactiae*), C, D, F, G, and *S. pneumoniae*, especially from respiratory specimens.
15x100mm plate, 10/pk A70
15x100mm plate, 10/pk A72

Tergitol 7 Agar With TTC

A selective and differential medium for enumeration of coliforms.
15x100mm plate, 10/pk G58



Tergitol 7 Agar With TTC,
Cat. no. G58

Tryptic Soy Broth (TSB), USP

For use as a general purpose medium for the isolation and cultivation of a wide variety of bacteria and fungi. Visit HardyDiagnostics.com for more available sizes.

10ml, 16x125mm tube, 20/pk **K82**

10ml, 16x125mm tube, 80/pk, ReadyRack™ **K82BX**

With 6.5% Sodium Chloride, 13x100mm tube, 20/pk, **K126**

20ml fill, serum vial, 50/pk **U38**

100ml fill, serum vial, 10/pk **U46**

1L fill, 1L bottle, 10/pk **U67**

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

For use as a general growth medium for establishing microbiological trends, alerts, and activity levels in biologically controlled environments.

15x100mm plate, 10/pk **G41**

Tryptic Soy Agar (TSA), USP

For use as a non-selective, general growth medium for the cultivation of microorganisms (bacteria, yeast, and fungi).

15x100mm plate, 10/pk **G60**

Urea Agar Slant

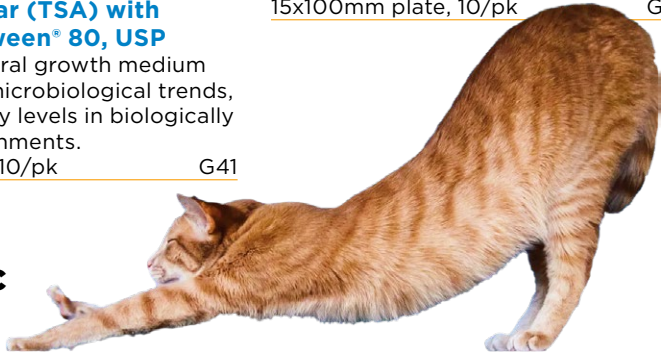
For the detection of urea hydrolysis in Gram-negative microorganisms.

Slant, 13x100mm tube, 20/pk **R42**

Vogel and Johnson Agar

For the selective isolation of coagulase-positive, mannitol-positive *Staphylococcus aureus*.

15x100mm plate, 10/pk **G193**



Cryogenic Media

CryoSavers™, Brucella Broth with 10% Glycerol, Cryovial

For the preservation of microorganisms by freezing.

1.5ml, no beads, 100/bx **CS100BNB**

1.0 - 1.4ml, with beads, 100/bx **CS100B**

1.5ml, no beads, 81/bx **CS81BNB**

1.0 - 1.4ml, with beads, 81/bx **CS81B**

CryoSavers™ Glycerol 30%, Cryovial

For the preservation of microorganisms by freezing.

0.5ml, 81/bx **CG89**

CryoSavers™ Skim Milk with Glycerol, Cryovial

For the preservation of microorganisms by freezing.

Modified, 1.3-1.7ml, no beads, 100/bx **CSMG101**

1.3-1.7ml, no beads, 100/bx **CSM100**

Tryptic Soy Broth with 15% Glycerol, Cryovial

For the preservation of microorganisms by freezing.

2ml, 100/bx **DO9**



CryoSavers™, Brucella Broth with 10% Glycerol and Beads, Cat. no. CS100B

Dehydrated Culture Media

Brain Heart Infusion Agar

For the cultivation and isolation of a variety of fastidious and nonfastidious microorganisms, including bacteria, yeasts, and mold.

Mylar® Zip-Bag	C5120
500gm bottle	C5121
2kg bucket	C5122
10kg bucket	C5123

MacConkey Agar

For the isolation of Gram-negative bacilli (including coliform organisms and enteric pathogens), on the basis of lactose fermentation.

Mylar® Zip-Bag	C6130
500gm bottle	C6131
2kg bucket	C6132
10kg bucket	C6133

Potato Dextrose Agar (PDA)

For the cultivation and identification of fungi.

Mylar® Zip-Bag	C6620
500gm bottle	C6621
2kg bucket	C6622
10kg bucket	C6623

Sabouraud Dextrose (SabDex) Agar

For the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and yeasts.

Mylar® Zip-Bag	C6810
500gm bottle	C6811
2kg bucket	C6812
10kg bucket	C6813

Thioglycollate Medium without Indicator

For the cultivation of aerobic, microaerophilic, and anaerobic microorganisms.

Mylar® Zip-Bag	C7080
500gm bottle	C7081
2kg bucket	C7082
10kg bucket	C7083

Todd Hewitt Broth

For the production of antigenic streptococcal hemolysin and the cultivation of streptococci prior to serological grouping.

Mylar® Zip-Bag	C7090
500gm bottle	C7091
2kg bucket	C7092
10kg bucket	C7093

Tryptic Soy Agar, Blood Base

For isolation of fastidious microorganisms when hemolytic reactions are important.

Mylar® Zip-Bag	C5220
500gm bottle	C5221
2kg bucket	C5222
10kg bucket	C5223

Tryptic Soy Broth (TSB)

For use as a general purpose medium for the cultivation of a wide variety of microorganisms.

Mylar® Zip-Bag	C7140
500gm bottle	C7141
2kg bucket	C7142
10kg bucket	C7143



Chromogenic Media

HardyCHROM™ BluEcoli™

A urine culture media, consisting of blood agar on one side and BluEcoli™ agar on the other side. Used for the isolation of urinary pathogens and for the identification of *E. coli*.

15x100mm biplate, 10/pk J123

HardyCHROM™ Campy

For the selective isolation and chromogenic differentiation of *Campylobacter* spp. from direct stool cultures.

15x100mm plate, 10/pk G339

HardyCHROM™ Candida

For the isolation and identification of *C. tropicalis*, *C. krusei*, and *C. albicans*.

15x100mm plate, 10/pk G301

HardyCHROM™ Candida + auris

For the selective isolation and differential identification of *Candida* species. The medium allows for the differentiation of *Candida albicans*, *Candida tropicalis*, *Candida krusei*, and *Candida auris* based on colony morphology, color, and positive UV fluorescence.

15x100mm plate, 10/pk G343

HardyCHROM™ MRSA

For the isolation and identification of methicillin resistant *Staphylococcus aureus* (MRSA).

15x100mm plate, 10/pk G307

HardyCHROM™ Salmonella

For the isolation and identification of *Salmonella* spp. from other members of the family Enterobacteriales.

15x100mm plate, 10/pk G309

HardyCHROM™ SS NoPRO

For the selective isolation and differentiation of *Salmonella* and *Shigella* spp. from stool, while inhibiting *Proteus* spp.

15x100mm plate, 10/pk G327

HardyCHROM™ Staph aureus

For the isolation, differentiation, and enumeration of *Staphylococcus aureus* by colony color.

15x100mm plate, 10/pk G311

HardyCHROM™ UTI

For the cultivation, differentiation, and enumeration of urinary tract pathogens based on colony color and morphology.

15x100mm plate, 10/pk G313



Antimicrobial Susceptibility Testing (AST)



HARDYDISKS AST Disks

Amikacin, AN-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8011

30µg, 50 disks/cartridge,
5 cartridges/canister Z8015

Amoxicillin/Clavulanic Acid, Augmentin, AmC-30

20µg/10µg, 50 disks/cartridge,
1 cartridge/canister Z8021

20µg/10µg, 50 disks/cartridge,
5 cartridges/canister Z8025

Ampicillin/Sulbactam, SAM-20

10µg/10µg, 50 disks/cartridge,
5 cartridges/canister Z8045

Ampicillin, AM-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z8031

10µg, 50 disks/cartridge,
5 cartridges/canister Z8035

Azithromycin, AZM-15

15µg, 50 disks/cartridge,
1 cartridge/canister Z8051

Bacitracin, B-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z9271

Carbenicillin, CB-100

100µg, 50 disks/cartridge,
5 cartridges/canister Z8115

Cefaclor, CEC-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8121

Cefazolin, CZ-30

30µg, 50 disks/cartridge,
5 cartridges/canister Z8145

Cefotaxime, CTX-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8221

30µg, 50 disks/cartridge,
5 cartridges/canister Z8225

Cefotetan, CTT-30

30µg, 50 disks/cartridge,
5 cartridges/canister Z8235

Cefoxitin, FOX-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8241

30µg, 50 disks/cartridge,
5 cartridges/canister Z8245

Cefpodoxime, CPD-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z31673

Ceftaroline, CPT-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z9391

30µg, 50 disks/cartridge,
5 cartridges/canister Z9395

Ceftazidime/Avibactam CZA-50

30/20µg, 50 disks/cartridge,
1 cartridge/canister Z9351

30/20µg, 50 disks/cartridge,
5 cartridges/canister Z9355

Ceftolozane/Tazobactam C/T40

30/10µg, 50 disks/cartridge,
1 cartridge/canister Z9341

30/10µg, 50 disks/cartridge,
5 cartridges/canister Z9345

Ceftriaxone, CRO-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8311

30µg, 50 disks/cartridge,
5 cartridges/canister Z8315

Cefuroxime, CXM-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8321

30µg, 50 disks/cartridge,
5 cartridges/canister Z8325

Cephalothin, CF-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8331

30µg, 50 disks/cartridge,
5 cartridges/canister Z8335

Chloramphenicol, C-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z8341

30µg, 50 disks/cartridge,
5 cartridges/canister Z8345

Ciprofloxacin, CIP-5

5µg, 50 disks/cartridge,
1 cartridge/canister Z8361

5µg, 50 disks/cartridge,
5 cartridges/canister Z8365

Clarithromycin, CLR-15

15µg, 50 disks/cartridge,
1 cartridge/canister Z8371

Clindamycin, CC-2

2µg, 50 disks/cartridge,
1 cartridge/canister Z8391

2µg, 50 disks/cartridge,
5 cartridges/canister Z8395

Colistin, CT-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z8411

Doripenem, DOR-10

30µg, 50 disks/cartridge,
1 cartridge/canister Z9371

Doxycycline, D-30

30µg, 50 disks/cartridge,
5 cartridge/canister Z8445

Erythromycin, E-15

15µg, 50 disks/cartridge,
1 cartridge/canister Z8471

15µg, 50 disks/cartridge,
5 cartridges/canister Z8475

Gentamicin, GM-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z8541

10µg, 50 disks/cartridge,
5 cartridges/canister Z8545

Imipenem, IPM-10

10µg, 50 disks/cartridge,
5 cartridges/canister Z8575

Kanamycin, K-30

30µg, 50 disks/cartridge,
5 cartridges/canister Z8605

Levofloxacin, LVX-5

5µg, 50 disks/cartridge,
1 cartridge/canister Z8611

5µg, 50 disks/cartridge,
5 cartridges/canister Z8615

Nalidixic Acid, NA-30

30µg, 50 disks/cartridge,
5 cartridge/canister Z8735

Nitrofurantoin, F/M-300

300µg, 50 disks/cartridge,
1 cartridge/canister Z8791

300µg, 50 disks/cartridge,
5 cartridges/canister Z8795

Norfloxacin, NOR-10

10µg, 50 disks/cartridge,
5 cartridge/canister Z8815

Novobiocin, NB-30

30µg, 50 disks/cartridge,
5 cartridge/canister Z8835

Ofloxacin, OFX-5

5µg, 50 disks/cartridge,
1 cartridge/canister Z884

Oxacillin, OX-1

1µg, 50 disks/cartridge,
1 cartridge/canister Z8851

1µg, 50 disks/cartridge,
5 cartridges/canister Z8855

Penicillin, P-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z8881

10U, 50 disks/cartridge,
5 cartridges/canister Z8885

Piperacillin, PIP-100

100µg, 50 disks/cartridge,
5 cartridge/canister Z8905

Piperacillin/Tazobactam TZP-110

100µg/10µg, 50 disks/cartridge,
5 cartridge/canister Z8915

Rezafungin, RZF5

5µg, 50 disks/cartridge,
1 cartridge/canister Z9471

Streptomycin, S-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z8991

Sulbactam-Durlobactam, SUD-20

10µg/10µg, 50 disks/cartridge,
1 cartridge/canister Z9461

10µg/10µg, 50 disks/cartridge,
5 cartridges/canister Z9465

Sulfamethoxazole/Trimethoprim, SXT-25

1.25µg/23.75µg, 50 disks/cartridge,
1 cartridge/canister Z9011

1.25µg/23.75µg, 50 disks/cartridge,
5 cartridges/canister Z9015

Sulfisoxazole, G-0.25

0.25mg, 50 disks/cartridge,
5 cartridge/canister Z9075

Tetracycline, Te-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z9121

30µg, 50 disks/cartridge,
5 cartridges/canister Z9125

MASTDISCS® AST Disks**Cefquinome, 30µg**

50 disks/cartridge,
5 cartridge/canister CEQ30CNCE

Cefalexin/Kanamycin, 15µg/30µg

Cafalexin 15µg/Kanamycin 30µg,
50 disks/cartridge,
5 cartridge/canister CFX15K30CNCE

Cefoperazone, 30µg

50 disks/cartridge,
5 cartridges/canister CPZ30CNCE

Cefovecin, 30µg

50 disks/cartridge,
5 cartridges/canister CEF30CNCE

Enrofloxacin, 5µg

50 disks/cartridge,
5 cartridges/canister ENF5CNCE

Florenfenicol, 30µg

50 disks/cartridge,
5 cartridge/canister Z8051

Gamithromycin, 15µg

50 disks/cartridge,
5 cartridge/canister GAM15CNCE

Tigecycline, TGC-15

15µg, 50 disks/cartridge,
1 cartridge/canister Z9361

Tobramycin, NN-10

10µg, 50 disks/cartridge,
1 cartridge/canister Z9171

10µg, 50 disks/cartridge,
5 cartridges/canister Z9175

Trimethoprim, TMP-5

5µg, 50 disks/cartridge,
1 cartridge/canister Z9181

Vancomycin, Va-30

30µg, 50 disks/cartridge,
1 cartridge/canister Z9241

30µg, 50 disks/cartridge,
5 cartridges/canister Z9245

**Pradofloxacin, 5µg**

50 disks/cartridge,
5 cartridge/canister PRA5CNCE

Marbofloxacin, 5µg

50 disks/cartridge,
5 cartridge/canister MAR5CNCE

Mupirocin, 200µg

50 disks/cartridge,
5 cartridge/canister MUP200C

Neomycin, 30µg

50 disks/cartridge,
5 cartridge/canister NE30CNCE

Tildipirison, 60µg

50 disks/cartridge,
5 cartridge/canister TIP60CNCE

Tulathromycin, 30µg

50 disks/cartridge,
5 cartridge/canister TUL30CNCE

Tylosin, 30µg

50 disks/cartridge,
5 cartridge/canister TY30CNCE



Mueller Hinton Agar
with Chocolate,
Cat. no. E20



AST Dispensers

HardyDisk™ Single, Metal Dispenser

Used to apply one sensitivity disc onto an agar surface. Holds one cartridge of 50 disks. Can be used with all HardyDisk™.

Each 260457

6-Place, Self-Tamping Dispenser

Each 260661

8-Place, Self-Tamping Dispenser

Each 260660

12-Place, Self-Tamping Dispenser

Each 260640



12-Place,
Self-Tamping
Dispenser, Cat.
no. 260640

Mueller Hinton Agar

Mueller Hinton Agar

For use in the cultivation of a wide variety of microorganisms. Mueller Hinton Agar can be used for disk diffusion sensitivity testing of non-fastidious organisms.

15x150mm plate, 10/pk H11

15x100mm plate, 10/pk G45

Mueller Hinton Agar with 5% Sheep Blood

For disk diffusion sensitivity testing of *Streptococcus* spp.

15x150mm plate, 10/pk H21

15x100mm plate, 10/pk A59

Mueller Hinton Agar with Chocolate

With supplements and 1% hemoglobin. For the cultivation of fastidious microorganisms.

15x100mm plate, 10/pk E20

Bovine Mastitis

Beta Toxin Solution

Used to determine the CAMP reaction which aids in the presumptive identification of *Streptococcus agalactiae* from bovine samples.
125ml bottle, 100ml fill, each Z305
60ml bottle, 25ml fill, each Z306

Bovine Blood Agar, 5%

For 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

Media contains full strength esculin. For the detection of organisms that may cause mastitis in cattle, especially *Streptococcus uberis*.
15x100mm plate, 10/pk A189

Bovine Blood Agar with Esculin/ MacConkey Agar Biplate

For the primary isolation, cultivation, and differentiation of organisms responsible for mastitis in dairy populations.
15x100mm biplate, 10/pk J129

Bovine Selective Staph Agar

Bovine Selective Staph Agar
For the cultivation, and selective isolation of *Staphylococcus* from bovine mastitis specimens
15x100mm biplate, 10/pk A157

Bovine Selective Strep Agar

For the selective isolation of *Streptococcus* species. It is also known as TKT Agar or Modified Edwards Agar.
15x100mm plate, 10/pk A143

California Mastitis Test Kit (CMT)

Measures somatic cell counts through a special reagent in a four-chambered paddle.
Each JO370K

Mycoplasma Agar

For the cultivation of *Mycoplasma* and the detection of *Mycoplasma* contamination in biologics and biological processes.
15x60mm plate, 10/pk G362

Mycoplasma Agar, without label

For use in isolation of *Mycoplasma* species associated with bovine mastitis.
15x100mm plate, 10/pk G102

Mycoplasma Broth

For use in isolation of *Mycoplasma* species associated with bovine mastitis.
13x100mm tube, 4ml, 20/pk R102

Mycoplasma Agar with Cefoperazone

For the detection of *Mycoplasma* species associated with bovine mastitis.
15x100mm plate, 10/pk G212



MALDI-TOF Mass Spectrometry

Autof ms1000

The Autof ms1000 provides automated, high-speed and high-confidence identification and taxonomical laser-induced classification of bacteria, yeasts, fungi, and filamentous fungi based on proteomic fingerprinting. Numerous studies have demonstrated the higher accuracy, faster time-to-result, and lower cost provided by MALDI-TOF technology when compared to classical methods.

Features:

- Faster time-to-result when compared to conventional methods and PCR
- Cost effective
- Robust, intuitive software, supporting 21 CFR part 11 compliance
- LIMS/LIS connectivity and support
- Can identify 96 samples in less than 20 minutes hands-on time

The Autof ms1000 has the most expansive database in the industry. Created with more than 15,000 strains, each with more than 5 reference spectra, averaging more than 10 strains per species, the database of the Autof ms1000 provides highly accurate results.

**Local database includes more than
1,003 genera,
5,000 species, and
16,000 strains.**

Each MS1000



Environmental Sampling

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

For the cultivation and enumeration of microorganisms. Recommended for surface sampling. Irradiated, triple bagged.

15x65mm contact plate, 10/pk P520

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

Recommended for surface sampling.

15x65mm contact plate, 10/pk P34

Parasitology

Para-Tect™ Cryptosporidium/ Giardia Direct Fluorescent Assay

This direct fluorescent assay (DFA) is an *in vitro* immunoassay for the qualitative determination of *Cryptosporidium* and *Giardia* oocysts and cysts in feces. Can be used with stools preserved in 10% formalin, SAF, or MCC's Universal Fixative. Results in 60 minutes.

75 tests

MCCCG75



Microscopy

PROSlides™ Frosted, Premium, Microscope Slides

Guaranteed non-stick slides are ideal for hematology differential smears, pathology tissue mounting, and all general microscopy. Manufactured from the highest purity corrosion-resistant, clear sheet glass.

3x1 inch x 1mm.

72/bx

PF72P

Cover Glass

High-quality, borosilicate cover glass is non-corrosive and non-fogging. Devoid of scratches, bubbles, and striations, its flatness provides a uniform distortion-free surface.

18x18mm, 1 oz bx

1818HD

22x22mm, 1 oz bx

2222HD

Microscope Lens Cleaner

A safe and effective microscope lens cleaning solution in a dropper bottle.

Gentle on optics, leaves no residue.

Use with lens paper.

30ml fill, each

Z97

Immersion Oil, Type

Used to assist in microscopic examination at high power (1,000x lens) by increasing the resolving power.

Low Viscosity

Type A, 20ml, each

Z95

Type A, 125ml, each

Z85

High Viscosity

Type B, 20ml, each

Z96

Type B, 125ml, each

Z86

Microscope Lens Paper

Clean safety glasses and goggles, microscope lens, and more with no scratching. Dust and lint-free lens tissues are ideal for use with liquid cleaners. 4x6 inches.

50 sheets/book, 12/pk

52846001

Bibulous Slide Blotting Paper

High quality, highly absorbent papers manufactured for minimum linting and shedding. Recommended for drying slides, and small parts or components.

50 sheets/book, 12/pk

28511007



Pathogen Detection

Campy CVA Agar

(Campy Agar with 5% Sheep Blood, Cefoperazone, Vancomycin, and Amphotericin B.) For the selective isolation of *Campylobacter jejuni* from fecal specimens.

15x100mm plate, 10/pk

A40

Campy FDA Agar

(Brucella Agar w/7% Lysed Horse Blood & PVANT Antibiotics), for *Campylobacter*. A modified Skirrow's formula, similar to Blaser formula but with lysed horse blood instead of whole sheep blood.

15x100mm plate, 10/pk

A139

Campy, Blood Free, Karmali Agar

For the selective isolation of *Campylobacter* spp. The Karmali formula has been shown to achieve superior results in the recovery of *Campylobacter* from stool specimens.

15x100mm plate, 10/pk

G06

CampyGen™ Compact

A simple to use system for the rapid generation of a microaerophilic environment necessary to cultivate *Campylobacter* spp.

20/bx

CN020C

CampyGen™ Gas Generator

A simple to use system for the rapid generation of a microaerophilic environment necessary to cultivate *Campylobacter* spp. Use with 2.5 liter jar.

10/pk CN025A

Lowenstein Jensen (LJ) Agar, Slant

Egg-based Lowenstein Jensen media with malachite green are recommended for use in the cultivation and isolation of *Mycobacterium* spp.

20x125mm tube, 20/pk C21

Lowenstein Jensen (LJ) Selective, Slant

Contains lincomycin, nalidixic acid, and cycloheximide. For the selective isolation of *Mycobacterium* spp.

20x125mm tube, 20/pk C25

Lysine Iron Agar (LIA), Slant

For use in differentiating certain members of the Enterobacteriales family, especially *Salmonella* spp., by demonstrating hydrogen sulfide production and the decarboxylation or deamination of lysine.

13x100mm tube, 20/pk R22

Oxford Medium, Modified

For the selective isolation and differentiation of *Listeria monocytogenes*.

15x100mm plate, 10/pk G46

Signal Blood Culture System

The one bottle system formulated to grow aerobic, anaerobic and microaerophilic organisms.

20/pk BC0100M

Tetrathionate Broth

With the addition of Iodine-Iodide solution (Cat. no. Z129 or Z139), is recommended for the selective enrichment of *Salmonella* spp.

10 ml, 16x125mm, 20/pk K65

1L, 1L bottle, 10/pk U165

Tetrathionate Broth with Brilliant Green

For use as a selective media for the isolation of *Salmonella* spp. from pharmaceutical products, food, meat, and water.

10ml, 16x125mm tube, 20/pk K164

Triple Sugar Iron (TSI) Agar, Slant

For use in the differentiation of Enterobacteriales by their ability to ferment glucose, lactose, and sucrose, and their ability to produce hydrogen sulfide.

13x100mm tube, 20/pk R32

Xylose Lysine Deoxycholate (XLD) Agar, USP

For use as a selective and differential medium for the isolation of Gram-negative enteric pathogens.

15x100mm plate, 10/pk G65

XLT4 (Xylose-Lysine-Tergitol 4) Agar

For the detection and isolation of non-typhi *Salmonella* species.

15x100mm plate, 10/pk G165



CampyGen™ Compact,
Cat. no. CN020C

Rapid Tests

Bacitracin Differentiation Disk, 0.04 U, HardyDisk™

Used in the presumptive identification of group A, beta-hemolytic streptococci.

1 cartridge/50 disks	Z7021
5 cartridge/50 disks	Z7025

Catalase Reagent, Hydrogen Peroxide 3%, SpotDrops™

Useful in the presumptive identification and differentiation of many bacteria.

15ml, each	Z62
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Coagulase Cryo™ Rabbit Coagulase Plasma with EDTA

Lyophilized rabbit plasma, for the identification of *Staphylococcus aureus* by the coagulase test.

6 x 3ml	Z003
6 x 20ml	Z020

Frozen Rabbit Plasma, Coagulase Cryo™

Used to differentiate *Staphylococcus* species based on the ability to produce coagulase.

20/pkg	Z202
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India Ink for Cryptococcus

For use in the identification of *Cryptococcus neoformans* by detection of the polysaccharide capsule.

15ml, each	Z64
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Indole Spot Reagent

Indole, DMACA Spot to perform a rapid spot indole test on filter paper.

15ml, each	Z65
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Liquid Oxidase Reagent, OxiDrop™

Used in procedures to detect cytochrome oxidase activity in bacteria.

15ml fill, each	Z119
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MRSA, Latex Kit for PBP2', MASTALEX™

For the detection of Penicillin Binding Protein 2' (PBP2') in isolates of *Staphylococcus* spp.

48 tests per kit	RST501
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NG-Test® CARBA 5

NG-Test® CARBA 5 is the only rapid, multiplex, phenotypic test capable of detecting KPC, OXA-48-like, VIM, IMP, and NDM carbapenemases produced by Enterobacterales and *P. aeruginosa*.

20/pkg	CARBA5
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NG-Test® CARBA 5, Cat. no. CARBA5

NG-Test® CTX-M MULTI

Rapid test for the detection of CTX-M groups 1, 2, 8, 9, and 25 extended-spectrum β -lactamases from a bacterial colony. Not for diagnostics use in humans.

20/pkg	NGBCTMS23000
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NG-Test® MCR-1

Rapid test for the detection of colistin resistance via expression of *mcr-1* gene from a bacterial colony. Not for *in vitro* diagnostic use. Research use only.

20/pkg	NGBMCRS23000
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Nitrate Reagent A, Sulfanilic Acid, SpotDrops™

For use in determining the nitrate reduction reaction of bacteria, other than *Mycobacterium* species. Compatible with all strip and cupule tests.

15ml, each	Z71
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Nitrate Reagent B, Naphthylamine, SpotDrops™

For use in determining the nitrate reduction reaction of bacteria, other than *Mycobacterium* species.

15ml, each	Z72
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Nitrate Reagent C, Zinc Dust

For the completion of the nitrate reduction test. Confirms negatives after adding Nitrate A and Nitrate B reagents.

Each Z73

Optochin Differentiation Disk, HardyDisk™

For use in the presumptive identification of *Streptococcus pneumoniae* from other alpha-hemolytic streptococci.

1 cartridges/50 disks each Z7011

5 cartridges/50 disks each Z7015

OxiStrips™, Oxidase Strips

Ready-to-use test strips with a convenient plastic handle so the user can avoid skin contact with the reaction area. Used for the detection of cytochrome oxidase activity in bacteria.

25/pk Z93

PYR Test Kit (Pyrolydonyl Aminopeptidase)

A rapid test for Group A Strep and *Enterococcus*, both of which are PYR positive, all other streps are negative.

25 tests Z75

100 tests Z175

Salmonella Latex Test Kit

A rapid latex agglutination test for the presumptive identification of *Salmonella* in selective and/or enrichment cultures.

100 tests DR1108A

StaphTEX™ Test for *Staphylococcus aureus*

A latex agglutination test that produces clear and reliable results when testing for *Staphylococcus aureus*. The plasma-coated blue latex beads create an easy to interpret read-out.

50 tests ST50

200 tests ST200

1,000 tests ST1000

StrepPRO™ Streptococcal Grouping Kit

A latex agglutination test for the rapid identification of Lancefield's groups A, B, C, D, F, and G from isolated colonies of beta-hemolytic *Streptococcus* spp. and *Enterococcus faecalis*.

Each PL030HD

Voges-Proskauer Reagent A, VP-A, Alpha Naphthol, SpotDrops™

For use in determining the Voges-Proskauer (VP) reaction of bacteria.

15ml, each Z91

Voges-Proskauer Reagent B, VP-B, KOH 40%, SpotDrops™

For use in determining the Voges-Proskauer (VP) reaction of bacteria.

15ml, each Z92



Skin Culture

DERM-DUET™

A biplate containing DTM (Dermatophyte Test Medium) and RSM (Rapid Sporulation Medium). Derm-Duet™ provides the user with the simultaneous advantage of the distinctive color change of the DTM and the rapid sporulation and visual pigmentation of RSM. The two-section test plate system provides for comprehensive analysis of dermatophytic microorganisms that cause the vast majority of skin lesions seen in veterinary medicine.

DERM-DUET™

15x100mm biplate, 10/pk J350

DERM-DUET™ II

15x100mm biplate, individually bagged, 10/pk J175

DTM (Dermatophyte Test Media) Agar, Slant

For the isolation and identification of dermatophytic fungi such as *Microsporum canis*, the causative agent of ringworm. Also designed to detect dermatophytes such as *Epidermophyton* and *Trichophyton* spp. 20/pk L27

Inhibitory Mold Agar (IMA) with Gentamicin

Recommended for the selective isolation of fungi. 15x100mm plate, 10/pk W27

Mycobiotic Agar Plate, Deep Fill

Recommended for use in the isolation of pathogenic fungi from clinical specimens. For the selective isolation of pathogenic fungi especially from hair, skin, and nail specimens. Contains chloramphenicol and cycloheximide. 15x100mm plate, 10/pk W50

Potato Flake Agar, MycoVue™ Slide Culture System

A ready-to-use, and disposable diagnostic device for performing slide cultures for the identification of fungi. 5/pk MV1

DERM-DUET™,
Cat. no. J350



DERM-DUET™ II,
Cat. no. J175

Potassium Hydroxide

For use in slide preparations of specimens for the purpose of identifying fungal elements. Dissolves epithelial cells that may mask fungal elements.

10% KOH, 15ml vial, each Z77

20% KOH, 15ml vial, each Z78

SabDex with C & G/DTM

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/pack J107

SabDex Agar with Chloramphenicol and Tetracycline

For the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and yeasts. 15x100mm plate, 10/pk W74

Specimen Collection and Transport

Amies Gel Transport Swabs

Liquid amies for aerobic culture amies agar gel (with or without charcoal) for aerobic and anaerobic culture, offered in a variety of single or dual swabs, tips, shafts and cap colors.

With Charcoal

50/pk	4114BX
50/pk	4192BX
50/pk	4116BX
50/pk	4136BX
50/pk	4125BX

Without Charcoal

50/pk	4108BX
50/pk	4190BX
50/pk	4124BX
50/pk	4134BX

Nasopharyngeal (NP) Swab, Flexible, Mini-tip, Sterile

Flexible, mini-tip size flocked swab with 80mm breakpoint in peel pouch, individually packaged.

100/pk	972012
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Nasopharyngeal (NP) Swab, Rayon, Mini-tip, Sterile

Ideal for specimen collection from urethra, ear, eye, or nasopharyngeal area. Aluminum wire shaft is flexible with a miniature rayon tip. Individually wrapped.

50/pk	25800R50
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Opti-Swab® Liquid Amies Collection & Transport System

MINI-TIP FLOCK SWAB

Designed to accommodate eye, ear, urogenital, and pediatric sampling sites.

50/pk	LA116
ULTRAFINE FLOCK SWAB	
Designed to accommodate nasopharyngeal sampling.	
50/pk	LA117

ELONGATED FLOCK SWAB

Designed to accommodate nose, throat, vaginal, rectal, and wound sampling.

50/pk	LA106
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Specimen/Sample Cup, Sterile

A tight sealing lid ensures that your sample will arrive in the lab safe and dry.

90ml cups, 400/case	243810
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Sterile Cotton Tipped Swab

Sterile cotton swab with wood shaft, 6 inches long. Individually wrapped.

100/bx	HD258061WC
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Tongue Depressor, Sterile

Smooth, splinter-free tongue depressors made from Northern White Birch. Individually wrapped.

100/bx	25705
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Stains

Acid Fast Stain Kit, Kinyoun

Used as a differential method to detect the difference between those organisms which decolorize with treatment of acid alcohol, and those that do not, such as mycobacteria.
3x250ml bottle/pk AF900

Acid Fast Stain Kit, Ziehl-Neelsen

AFB stain kit (Ziehl Neelson) "Hot" method requires heating of the slide. Kit includes one 8 oz bottle of each of the following:

- Carbol Fuchsin (Ziehl Neelson)
- Acid Alcohol
- Methylene Blue

Each 484K

Coplin Jars

For manual staining procedures. Jars are white plastic with a screw-on top to minimize evaporation. Holds 5 slides in upright position or 10 slides back to back.

Each VCJ001

Gram Stain Advanced™ Kit with Stabilized Iodine

Produces brighter colors for both Gram-positive and Gram-negatives. Kit includes:

- Hucker's Crystal Violet
- Iodine, stabilized
- Decolorizer, Fast, 75% acetone, 25% alcohol
- Counterstain, Advanced

4x8 oz bottles GK400A

Q-Slide™ Gram, Pre-inoculated with *E. coli* and *S. aureus*

A convenient ready-to-stain control slide that will test both your stain solutions and your staining techniques. Positive and negative stain control organisms for Gram Stain QC.
5 slides/pk Z302

Q-Slide™ AFB

A convenient ready-to-stain control slide that will test both your stain solutions and your staining techniques. Positive and negative stain control organisms are affixed to the circles in each Q-Slide™. Up to four patient specimens (in the squares) may be processed at the same time as the QC organisms.
5 slides/pk Z301

Slide Staining Rack

This stainless steel staining rack is designed for use across laboratory sinks of various sizes. Triangular slide supporting rods have a tapered top, and contact the slides only in a narrow zone. Rack is simple and quickly adjustable to fit sinks up to 53.4cm (21") inside dimensions.

Each 15153821

Rapid Wright-Giemsa Stat Stain

For blood smears and bone marrow. Stains in only 15 seconds. This kit provides bright colors with excellent separation. No buffer step is required.

16 oz, each SS016

32 oz, each SS032

Trichrome Stain Starter Kit

Contains all the materials to prepare stained fecal smears. 8 oz each of : Schaudinn's Fixative, Trichrome Stain; 16 oz each of: Carbol Xylene, Xylene, Iodine Alcohol, 70% Ethanol, 95% Ethanol, Acid Ethanol 90%.

Each VXF019



Gram Stain Advanced™ Kit with Stabilized Iodine, Cat. no. GK400A

Stool Testing

Brilliant Green Agar (BGA) with Novobiocin

For the selective isolation and differentiation of *Salmonella* spp. other than *S. Typhi*.

15x100mm plate, 10/pk G175

Cefsulodin-Irgasan Novobiocin (CIN) Agar/MacConkey Agar with Sorbitol

Section I: CIN Agar. For the selective and differential isolation of *Yersinia* and *Aeromonas* species.

Section II: MacConkey with Sorbitol. For the detection and isolation of enterohemorrhagic *Escherichia coli* O157:H7.

15x100mm biplate, 10/pk J49

Eosin Methylene Blue (EMB) Levine Agar

For isolation and differentiation of Gram-negative bacilli.

15x100mm plate, 10/pk G25

GN Broth

For the selective enrichment of *Salmonella* and *Shigella* spp. in stool specimens.

4ml, 12x80mm tube, 100/pk R76BX

6ml, 13x100mm tube, 20/pk K01

10ml, 16x125mm tube, 20/pk K39

HE (Hektoen Enteric) Agar

For the selective isolation and differentiation of pathogenic Gram-negative enteric bacteria, such as the non-lactose fermenting *Salmonella* spp. and *Shigella* spp. Normal stool flora, such as *E. coli*, will be partially inhibited.

15x100mm plate, 10/pk G63

MacConkey Agar with Sorbitol (SMAC)

For the detection of enterohemorrhagic *E. coli* O157 (sorbitol negative).

15x100mm plate, 10/pk G36

HE (Hektoen Enteric) Agar, Cat. no. G63



Selenite Cystine Broth

For the selective enrichment of *Salmonella* spp. in clinical and non-clinical specimens.

10ml, 16x125mm tube, 20/pk K69

SS (Salmonella Shigella) Agar

For the isolation of pathogenic enteric bacteria, especially *Salmonella* spp.

15x100mm plate, 10/pk G50



Urine Testing

EMB/MSA (Eosin Methylene Blue/Mannitol Salt Agar)/Mycobiotic Agar/Blood Agar 5%

Section I: EMB Agar. For the isolation of Gram-negative bacilli (including coliform organisms and enteric pathogens) from clinical and nonclinical specimens.

Section II: Mannitol Salt Agar (MSA). For use as a selective and differential medium for the isolation of pathogenic staphylococci.

Section III: Mycobiotic Agar. For use in the isolation of pathogenic fungi from clinical specimens.

Section IV: Blood Agar. For the cultivation of a wide variety of microorganisms.

15x100mm quad plate, 10/pk J79

Blood Agar 5%/MacConkey Agar,

Section I: MacConkey Agar is for the selective and differential isolation of Gram-negative bacteria, especially Enterobacterales. Advanced formula controls the swarming of *Proteus*.

Section II: Blood agar is a general non-selective growth medium for bacteria, yeast, and fungi and also contains 5% sheep blood from a veterinary supervised, controlled herd of donor animals. Blood is guaranteed to be from healthy antibiotic-free animals.

15x100mm biplate, 10/pk J32

15x100mm biplate, 100/pk J32BX

CNA/MAC (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.

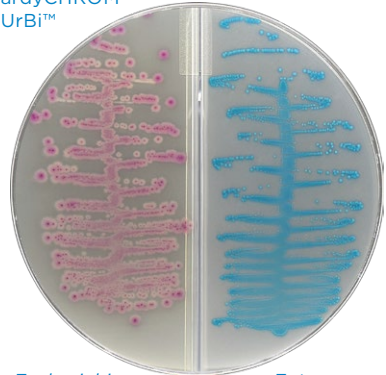
15x100mm biplate, 10/pk J62

Blood Agar 5%/Eosin Methylene Blue (EMB) Agar

For the detection of urinary tract infections. EMB is selective for Gram-negative bacteria and will differentiate between lactose and non-lactose fermentors.

15x100mm biplate, 10/pk J22

HardyCHROM™ HUrBi™



Escherichia coli

Enterococcus faecalis

HardyCHROM™ HUrBi™, Chromogenic Medium

For the cultivation, differentiation and enumeration of various Gram-negative and Gram-positive bacteria, and yeast based on colony color and morphology. Selective agents have been added to the each side of the biplate to select for growth of Gram-positive organisms and yeast on one side and to select for growth of Gram-negative organisms on the other side of the biplate.

15x100mm biplate, 10/pk J100

HardyCHROM™ UTI, Chromogenic Medium

A differential culture medium that facilitates the isolation and differentiation of urinary tract pathogens, including Gram-negative and Gram-positive bacteria. The development of various colors, due to chromogenic substances in the media, allows for the differentiation of microorganisms from the primary set-up of a urine specimen.

15x100mm plate, 10/pk G313

**Urine (EMB, XLD, Modified
Simmon's Citrate, Blood Agar 5%)**

Section I: EMB Agar. For the isolation of Gram-negative bacilli (including coliform organisms and enteric pathogens) from clinical and nonclinical specimens.

Section II: XLD Agar. For the isolation of Gram-negative enteric pathogens from fecal specimens or from food and other samples.

Section III: Citrate Agar. For use in the differentiation of Gram-negative enteric bacilli based on citrate utilization.

Section IV: Blood Agar. For the cultivation of a wide variety of microorganisms.
15x100mm quad plate, 10/pk J71

Urine Dipstick Control Set

This control validates urine dipstick readings by applying the control directly onto the dipstick with a plastic dropper tip for easy dispensing and maximum use.

25ml, each

144002

UriStain™

For the differentiation of normal or abnormal cells in urine. For easy differentiation of red blood cells and leukocytes. Bacteria is red or colorless when alive and purple when dead.

15ml, each

Z74



PPE

PRECISION® Powder Free Nitrile Gloves

Best all-around glove! Soft feel, powder-free, micro-textured, violet-blue. Finger thickness 4mil, palm 2.4mil.

Extra Small, 100/bx	PCS770
Small, 100/bx	PCS772
Medium, 100/bx	PCS775
Large, 100/bx	PCS776
Extra Large, 90/bx	PCS778

MIRACLE® Gloves

100% latex-free, eliminating the potential risk of rubber latex sensitivities. Because of its thin gauge, the gloves are packed 200 gloves per box to save you shelf space, you don't need to replace empty dispensing boxes as frequently. 2,000 per case

Small	MIR162
Medium	MIR165

ComfortPro Disposable Lab Coats

Ultrasonic technology provides the SPS fabric with significantly improved fabric strength. ComfortPro lab coats are dust proof and water resistant. The cuffs and collar are soft knitted material for added comfort. The coat has three pockets; one breast pocket and two hip pockets. 70 per package.

Medium	NEGU6073M
Large	NEGU6073L
Extra Large	NEGU6073XL

Surgical Mask

Latex free with convenient ear-loops sonically welded to the outside of the mask. Soft, cool, and breathable while meeting the ASTM F200-01 Testing Requirements of submicron filtration above 98%.

500/case	15100
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Short Shield Face Shield

A lightweight and comfortable face shield that is optically clear, has anti-fog properties, fits over glasses, a foam headband, disposable/reusable. Designed to protect the user's face from splattered blood and other bodily fluids, when used properly.

24/pk	4511
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ComfortPro
Disposable
Lab Coats

Lab Equipment

Bacti-Cinerator IV Incinerator

Loop incinerator safely sterilizes loops and needles by infrared heat in ceramic tube; no open flame or hazardous gas. Prevent infectious spatter and/or cross contamination. Ideal for use in anaerobic chambers. Complete sterilization takes only five to seven seconds at optimum sterilizing temperature of 1500 °F (815.6 °C). Base is weighted for stability and provides convenient storage for 6 needle holders.

Bacti-Cinerator IV 004002

Ceramic Heating

Replacement Element 001373



Exact-Temp™ Thermometers

Thermometer probe stays inside, digital display stays outside. No need to open the door! Temperature probe remains in plastic bottle with insulating liquid. Thermometer is traceable to National Institute of Standards and Technology (NIST) with certificate. Min/Max alarm settings with nine foot sensor cable. Choose between Celsius and Fahrenheit ranging from -50 °C to 70 °C (-58 °F to 158 °F).

Each R80301

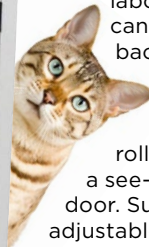


Incubator, 0.8 Cubic Feet

Accommodates a maximum of 4 shelves. An inexpensive incubator for school laboratories and

can be used as a backup incubator for hospitals.

The incubator is made of cold rolled steel and has a see-through acrylic door. Supplied with two adjustable shelves and a spirit-filled thermometer.



Dimensions: 3"x14"x 16-1/4".

Weight: 19 lbs.

Temperature range, +10°C to 90°C.

Each 132000

Lab Supplies

Autoclave Bags

Made of tough, thick polypropylene, double seamed bottom, solid red bag with black biohazard warnings in English and Spanish. Bag is rated to withstand temperatures up to 250°F. Heat indicator strip turns black when exposed to steam, OSHA approved labeling, plastic twist ties for closure furnished upon request.

8x12 inches, 2mil thickness, 400/case	AB5819
12x24 inches, 2mil thickness, 500/case	AB5010
14x19 inches, 2mil thickness, 500/case	AB5012
19x24 inches, 2mil thickness, 200/case	AB5013
25x30 inches, 1.75mil thickness, 200/case	AB5026
25x35 inches, 2mil thickness, 200/case	AB5237

Biohazard Bags

For collection of biohazard waste, not for autoclaving. Made of polyethylene, solid red with black biohazard warnings in English and Spanish, has the international biohazard symbol, meets OSHA requirements, passed the 165gm dart impact test.

23x23 inches, 1.5mil thickness, 500/case	BB116
24x32 inches, 1.2mil thickness, 250/case	BB2192
25x35 inches, 2.25mil thickness, 200/case	BB2305

Capillary Tube

Manufactured from soda lime glass, packed in plastic vials with reclosable snap-lock caps to maintain cleanliness. Ends may be sealed by flame, sealing clay or patented caps. Interior surface of these tubes is evenly coated with ammonium heparin to prevent coagulation.

200/pk	2501
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Culture Tube Test Tube

Disposable borosilicate glass KIMAX-51 composition assures the best all-around chemical durability for laboratory ware. Complies with ASTM Specification E438, Type I, Class B glass requirements.

10x75mm, 1,000/bx	735001075
12x75mm, 1,000/bx	735001275
15x85mm, 1,000/bx	735001585
16x100mm, 1,000/bx	7350016100
16x150mm, 1,000/bx	7350016150

Disposable Loops

The hexagonal loop shaft improves grip, while the ultra-smooth loop surfaces allow for easy streaking. Loops are sterile and free of lubricants, oils, and electrostatic charges. Packed in re-sealable plastic pouches for use with the LoopCaddy™ Stand.

1µl, loop, calibrated, flexible, 40/pk, 1,000/bx	178CSR40
10µl, loop, calibrated, flexible, 40/pk, 1,000/bx	179CSR40
1µl, loop, calibrated, rigid, 40/pk, 1,000/bx	8175CSR40H
10µl, loop, calibrated, rigid, 40/pk, 1,000/bx	8177CSR40H

Disposable Inoculating Loop

Hexagonal loop shaft improves grip, while the ultra smooth loop surfaces allow for easy streaking. Loops are sterile and free of lubricants, oils, and electrostatic charges. Available in flexible plastic and color coded for easy product identification.

Light blue, 10µl, 50/pk,	HST10FSP
Light green, 1µl, 50/pk	HST1F

LoopCaddy™ Loops Stand

A convenient, all acrylic loop holder for use with the resealable loop pouches. The pouches slide onto the loop holder allowing the user to simply pull out one loop at a time and reseal the package. The free-standing loop holder can be placed anywhere and is designed to be very stable. This product makes the laborious task of opening and closing loop containers fast and easy.

Each	K24H
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Reusable Calibrated Nichrome Loops

Calibrated inoculating loop used to transfer various liquids, suspensions, bacteria, and other specimens from storage containers to culture media and/or petri dishes. Made from only high-grade nickel-chromium alloys or pure platinum alloy to ensure repeated, accurate usage. Guaranteed to deliver precisely 0.01ml and 0.001ml of specimen, respectively. 26 gauge, twisted nichrome wire with aluminum handle.

1µl, each	3730
10µl, each	3740

SpeedStreaks™ Disposable Loops

SpeedStreaks™ are Hardy Diagnostics' line of disposable inoculating loops. The loops are available in several styles and are color-coded for convenience. The loops are free from coatings and electrostatic charges that might interfere with wetting and transfer of the volume contained in the loop. Loops are calibrated, come 25 per package, 1,000 per case, and are shipped with a Certificate of Calibration that authenticates their accuracy.

Rigid, dark green, 1ml	HS1R
Flexible, light green, 1ml	HS1F
Rigid, dark blue, 10ml	HS10R
Flexible, light blue, 10ml	HS10F
Needle, rigid, violet	HSND

McFarland Latex Standard

The McFarland Latex Standards are prepared from suspensions of uniform latex particles with similar absorbance values as the original barium sulfate standards. 6x100mm 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

Sterile Petri Plate with Stacking Ring

Optically clear polystyrene for distortion-free viewing. Heavy-duty reduces breakage during shipping. Stacking rings guards against slippage when moving stacked plates.

15x100mm plate, 52/case	3561
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Spreaders

Sterile, T-shaped spreaders are designed for spreading and dispersing liquid across the surface of agar culture plates.

1/pk, 500/case	COPTS
10/pk, 500/case	COPTS10
10/pk, 500/case	COPTS10ZL

Wickerham Card for Turbidity Adjustments to a McFarland Standard

A 2x3 inch plastic laminated card with thick black and white lines to facilitate the preparation of bacterial and yeast suspensions when comparing the turbidity to a McFarland Standard.

Each	Z08
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Pipets

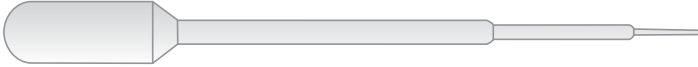
1.5ml Capacity - Extended Tip - Small Bulb



Mini-Tip

Cat. no.	Sterility	Unit	Technical Date	
134020 134020400	Non-Sterile Non-Sterile	3,200 400	<ul style="list-style-type: none"> Capacity: 1.5ml Bulb Draw: 1.5ml 	<ul style="list-style-type: none"> Tip Diameter: 0.9mm Total Length: 104mm Stem Diameter: 4.5mm

5ml Capacity - Extended Tip - Large Bulb



Fine-Tip

Cat. no.	Sterility	Unit	Technical Date	
134070 134070250	Non-Sterile Non-Sterile	2,000 250	<ul style="list-style-type: none"> Capacity: 5ml Bulb Draw: 3.2ml 	<ul style="list-style-type: none"> Tip Diameter: 0.85mm Total Length: 153mm Stem Diameter: 4.6mm

5.8ml Capacity



General Purpose

Cat. no.	Sterility	Unit	Technical Date	
134060 134060500	Non-Sterile Non-Sterile	5,000 500	<ul style="list-style-type: none"> Capacity: 5.8ml Bulb Draw: 2ml 	<ul style="list-style-type: none"> Tip Diameter: 2.5mm Total Length: 157mm Stem Diameter: 6.6mm



Disinfectants and Cleaners

AloeSafe™ Hand Sanitizer Gel

AloeSafe™ hand sanitizer leaves hands soft and silky, never sticky. Contains moisturizing aloe vera, healing Vitamin E, and soothing lavender oil. AloeSafe™ has 62% ethyl alcohol.

2 oz pocket size, each	AS2HD
4 oz travel size, each	AS4HD
16 oz pump bottle, each	AS16HD

Alpet D2 Surface Sanitizer

Effective against norovirus, avian influenza H9N2 and is expected to inactivate all influenza A viruses including Pandemic 2009 H1N1.

Spray

12/case	SS1000312
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Wipes

160 wipes per canister, 6 canisters per case	SSW0002
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Castile Soap Towelettes

Ideal for midstream clean-catch urine specimen procedures. Individual foil packets, 2 x 2.25 inches.

100 pads/bx	D41900
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AloeSafe™ Hand Sanitizer Gel,
Cat no. AS16HD

CaviCide® Disinfectant and Cleaner

A ready-to-use, intermediate-level disinfectant with detergent which is effective against TB, viruses (including HIV, HBV, Herpes, hydrophilic, and lipophilic), bacteria (including *Salmonella*, MRSA, and VRE), and fungi.

2 oz, each	131002
8 oz, each	131008
1 gallon, each	131000
2.5 gallons, each	131025

DisCide® Ultra Towelettes

Disinfecting towelettes impregnated with a second-generation dual-chain quaternary ammonium and isopropyl alcohol. Clinically proven to kill microorganisms on hard, inanimate, nonporous surfaces, reducing the risk of cross-contamination in one minute or less.

60/pop-up jar	10DIS
160/pop-up jar	60DIS

Erada-Stain™ Stain Remover


A very mild cream cleaner/stain remover. It is effective on most histological dyes, tinctures, general laboratory chemicals, and removes Wright's stain and most other medical stains.

6 oz, each	2066
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Smart-San™ Hand Sanitizer

This ethanol-based spray with emollients keeps hands soft. Fragrance free, rated to kill 99.99% of Gram-negative and positive bacteria. Requires pump, sold separately.

6 x 1L bottles	SMA0016U
Pump, each	JPP10007
Replacement Spigot, each	KT10011



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A Culture of Service



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Contract Holder

Contract # 47QSWA22D0077