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Scale

Weighing Dishes

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Anaerobic Microbiology

AnaeroGen[™]Compact

AnaeroGen Compact is a simple-to-use system for rapidly generating an anaerobic environment necessary to cultivate anaerobic microorganisms. The AnaeroGen Compact system consists of an AnaeroGen sachet, oxygen impermeable pouch, and sealing clip. Each pouch is large enough to hold four 15x100mm petri plates.



- No catalyst needed and no water required for activation
- No potentially explosive hydrogen gas produced
- No dangerous build-up of pressure
- Sachet is activated upon opening
- Final atmosphere generated contains less than 1% oxygen, which is ideal for the growth of angerobes

AnaeroGen[™] Compact System

| Sachets and Pouches, 10/bx | AN010C |
|--|--------|
| Sealing Clips, 5/bx (reusable) | AN005C |
| Anaerobic Indicator Strip, 100 strips/bx | BR55 |

Jar System for Anaerobes

AnaeroGen" is a simple-to-use system for rapidly generating an anaerobic environment necessary to cultivate anaerobic microorganisms within a sealed jar. The AnaeroGen" system consists of an AnaeroGen" sachet and an oxygen indicator within a 2.5 gas jar. Each sachet generates enough gas for a 2.5 liter jar.

AnaeroGen[™] Jar System

| AnderoGen Jul System | | |
|--|--------|--|
| AnaeroGen [™] 2.5 liter Sachets, 10 sachets/bx | AN25US | |
| Almore Gas Jar, 2.5 liter, each | 16000 | |
| Anaerobic Indicator Strip, 100 strips/bx | BR55 | |



Control Organisms

Individual Microorganisms Microbiologics®

| Microorganism Description | Cat. no. | Pac | kaging | g Code |
|---|----------|-----|--------|--------|
| Aspergillus brasiliensis ATCC° 16404™* (formerly Aspergillus niger) | 0392 | L | K | Р |
| Bordetella bronchiseptica ATCC° 4617™* | 0671 | L | K | Р |
| Candida albicans ATCC° 10231™* | 0443 | L | K | Р |
| Candida parapsilosis ATCC° 22019*** | 0726 | L | K | Р |
| Enterobacter aerogenes ATCC° 13048*** | 0306 | L | K | Р |
| Enterobacter cloacae ssp. cloacae ATCC° 13047™* | 0323 | L | K | Р |
| Enterococcus faecalis ATCC° 29212"* | 0366 | L | K | Р |
| Escherichia coli ATCC° 25922"* | 0335 | L | K | Р |
| Escherichia coli ATCC° 8739™* | 0483 | L | K | Р |
| Klebsiella oxytoca ATCC° 43086*** | 0606 | L | K | Р |
| Lactobacillus acidophilus ATCC° 4356*** | 0243 | L | K | Р |
| Lactobacillus fermentum ATCC [®] 9338 [™] * | 0813 | L | K | Р |
| Micrococcus luteus ATCC [®] 10240 [™] * | 0689 | L | K | Р |
| Proteus mirabilis ATCC° 12453™* | 0440 | L | K | Р |
| Pseudomonas aeruginosa ATCC° 27853"* | 0353 | L | K | Р |
| Pseudomonas aeruginosa ATCC* 15442*** (pyocyanin not produced) | 0693 | L | K | Р |
| Salmonella enterica ssp. arizonae ATCC° 13314™* | 0901 | L | K | Р |
| Shigella flexneri ATCC° 12022™* (serotype 2b) | 0356 | L | K | Р |
| Staphylococcus aureus ssp. aureus ATCC° 6538P™* | 0827 | L | K | Р |
| Staphylococcus aureus ssp. aureus ATCC° 25923™* | 0360 | L | K | Р |
| Staphylococcus epidermidis ATCC [®] 12228 [®] * | 0371 | L | K | Р |
| Streptococcus pyogenes ATCC° 19615™* (Group A) | 0385 | L | K | Р |
| | | | | |

Packaging Codes:

L = LYFO DISK[®] 6 Pack

K = KWIK-STIK[™] 6 Pack **P** = KWIK-STIK[™] 2 Pack

(Example: 5041L, 5041K, or 5041P)





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Preservative Efficacy Testing

EZ-PEC

Designed for Antimicrobial Effectiveness and Preservative Efficacy Testing, EZ-PEC™ lyophilized microorganism preparations are guaranteed to deliver a final concentration of 1x10⁵ to 1x10⁶ CFU per ml of product to be tested when processed as directed. For convenient documentation, a peel-off Certificate of Assay is included on the product label. EZ-PEC™ is packaged as a kit containing:

- 2 vials of a single enumerated strain (10 lyophilized pellets/ vial)
- 10 vials of hydrating fluid (2ml/vial)
- Peel-off Certificate of Assay



| 0443PEC | 0443PEC Candida albicans ATCC® 10231™* | |
|---------------------------------------|--|--|
| 0379PEC | Candida albicans NCTC 1363 | |
| 0483PEC Escherichia coli ATCC* 8739™* | | |
| 0581PEC | Escherichia coli NCIMB 8545 | |
| 0484PEC | Pseudomonas aeruginosa ATCC° 9027™* | |
| 0485PEC | Staphylococcus aureus ssp. aureus ATCC° 6538™* | |
| 0579PEC | Staphylococcus aureus ssp. aureus NCIMB 9518 | |



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Growth Promotion Testing by Microbiologics®



EZ-Accu Shot[™] lyophilized microorganism preparations are designed to deliver less than 100 CFU per 0.1ml of hydrated suspension. EZ-Accu Shot[™] pellets dissolve instantly and require little to no preparation time. Each 1.2ml vial of hydrated suspension offers 10 inocula. For added convenience, the suspension can be used up to eight hours following hydration. EZ-Accu Shot[™] is a self-contained kit including:

- 5 vials of a single enumerated microorganism (1 lyophilized pellet per vial)
- 5 vials of hydrating fluid (1.2ml/vial)
- Peel-off Certificate of Assay



Do you perform Growth Promotion Testing?

Accuracy and traceability have never been easier or more affordable.



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| EZ-Accu Shot™ | | |
|---------------|---|--|
| 0392A | Aspergillus brasiliensis ATCC® 16404™ * | |
| 0998A | Bacillus cereus ATCC® 10876™ * | |
| 0486A | Bacillus subtilis ssp. spizizenii ATCC® 6633™ * | |
| 0443A | Candida albicans ATCC® 10231™ * | |
| 0487A | Clostridium sporogenes ATCC® 11437™ * | |
| 0317A | Clostridium sporogenes ATCC® 19404™ * | |
| 0306A | Enterobacter aerogenes ATCC® 13048™ * | |
| 0366A | Enterococcus faecalis ATCC® 29212™ * | |
| 0483A | Escherichia coli ATCC® 8739™ * | |
| 0688A | Kocuria rhizophila ATCC® 9341™ * | |
| 0484A | Pseudomonas aeruginosa ATCC® 9027™ * | |
| 0421A | Salmonella enterica ssp. enterica serovar Typhimurium ATCC® 13311™ * | |
| 0363A | Salmonella enterica ssp. enterica serovar Typhimurium ATCC® 14028™ * | |
| 0890A | Salmonella enterica ssp. enterica serovar Abony NCTC 6017 | |
| 0902A | Salmonella enterica spp. enterica serovar Choleraesuis ATCC® 10708™ * | |
| 0485A | Staphylococcus aureus ATCC® 6538™ * | |
| 0360A | Staphylococcus aureus spp. aureus ATCC® 25923™ * | |
| 0827A | Staphylococcus aureus ssp. aureus ATCC® 6538P™* | |
| 0371A | Staphylococcus epidermidis ATCC® 12228™ * | |

EZ-Accu Shot™ Select Kit (Cat. no. 8172

Aspergillus brasiliensis ATCC® 16404™*

Bacillus subtilis ssp. spizizenii ATCC® 6633™*

Candida albicans ATCC® 10231™*

Pseudomonas aeruginosa ATCC® 9027™*

Staphylococcus aureus ssp. aureus ATCC® 6538™ *

EZ-Accu Shot[™] Select is packaged as a kit containing five Quality Control strains required by the Pharmacopeias for Growth Promotion Testing, all of which are derived from the American Type Culture Collection (ATCC).

EZ-Accu Shot™ Select Kit includes:

1 vial of each microorganism listed below (1 lyophilized pellet per vial)

5 vials of hydrating fluid (1.2 mL in each vial)

5 peel-off labels, one for each strain

Licensed, traceable strains:

Aspergillus brasiliensis ATCC® 16404™
Bacillus subtilis subsp. spizizenii ATCC® 6633™
Candida albicans ATCC® 10231™
Pseudomonas aeruginosa ATCC® 9027™
Staphylococcus aureus subsp. aureus ATCC® 6538™



Dehydrated Culture Media CRITERION







| Product |
|--|
| Superscript numbers after product name |
| ndicate supplements |
| |









| Baird-Parker Agar Base ¹ | C5080 | C5081 | C5082 | C5083 |
|--|-------|-------|-------|-------|
| Brain Heart Infusion Agar | C5120 | C5121 | C5122 | C5123 |
| Cetrimide Selective Agar Base ² | C5370 | C5371 | C5372 | C5373 |
| D/E Neutralizing Broth | C7370 | C7371 | C7372 | C7373 |
| D/E Neutralizing Agar, Modified | C5520 | C5521 | C5522 | C5523 |
| DNase Test Agar with Toluidine Blue | C5670 | C5671 | C5672 | C5673 |
| EMB Agar, HHT | C7330 | C7331 | C7332 | C7333 |
| EMB Agar, Levine | C5700 | C5701 | C5702 | C5703 |
| Hektoen Enteric (HE) Agar | C5840 | C5841 | C5842 | C5843 |
| Lactobacilli MRS Broth | C5930 | C5931 | C5932 | C5933 |
| Lauryl Tryptose Broth | C5980 | C5981 | C5982 | C5983 |
| Letheen Agar | C7360 | C7361 | C7362 | C7363 |

Egg Yolk Tellurite Emulsion, 100%, 1x100ml, Cat. no. R450330

² Glycerol, 100gm, Cat. no. 228210

| Product | |
|------------------------------|------------|
| Superscript numbers after pr | oduct name |
| indicate supplements | |
| are needed | |

| Mylar® Z | ip-Bag, 2L hed to make |
|--------------------|---------------------------|
| 2 liters of | |
| | |
| THE REAL PROPERTY. | 0 |

| 500gm Bottle | | |
|--------------|---|--|
| | | |
| | ı | |

2kg Bucket



| | | | 100 | |
|--|-------|-------|-------|-------|
| Letheen Agar, Modified | C7900 | C7901 | C7902 | C7903 |
| Letheen Broth, Modified | C7640 | C7641 | C7642 | C7643 |
| MacConkey Agar | C6130 | C6131 | C6132 | C6133 |
| MacConkey Agar with MUG | C6110 | C6111 | C6112 | C6113 |
| Mannitol Salt Agar | C6230 | C6231 | C6232 | C6233 |
| Malt Extract Agar | C6200 | C6201 | C6202 | C6203 |
| Nutrient Broth | C6470 | C6471 | C6472 | C6473 |
| Potato Dextrose Agar (PDA) | C6620 | C6621 | C6622 | C6623 |
| Pseudomonas Isolation Agar Base ³ | C6680 | C6681 | C6682 | C6683 |
| R2A Agar | C6720 | C6721 | C6722 | C6723 |
| SabDex Agar with Chloramphenicol | C6780 | C6781 | C6782 | C6783 |
| SabDex with Lecithin and Tween® | C6800 | C6801 | C6802 | C6803 |
| Starch Agar | C7010 | C7011 | C7012 | C7013 |
| Triple Sugar Iron (TSI) Agar | C7110 | C7111 | C7112 | C7113 |
| Tryptic Soy Agar (TSA) | C7120 | C7121 | C7122 | C7123 |
| Tryptic Soy Agar with Lecithin and Tween® | C7130 | C7131 | C7132 | C7133 |
| Vogel and Johnson Agar Base ⁴ | C7280 | C7281 | C7282 | C7283 |
| XLD Agar | C7320 | C7321 | C7322 | C7323 |

³ Glycerol, 100gm, Cat. no. 228210

For the media-maker, visit our website to view over 300 CRITERION Dehydrated Culture Media Products and ancillary products!



⁴ Potassium Tellurite (3.5%), 10x2ml vials, Cat. no. SR030J

Environmental Monitoring

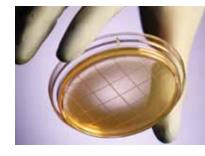
Contact Plates for Surface Monitoring

Baird-Parker Agar

For the selective isolation and enumeration of coagulase-positive staphylococci from environmental surfaces.

15x60mm contact plate, 10/pk

P16



D/E Neutralizing Agar

Neutralizes chemical disinfectants allowing for the detection and enumeration of microrganisms from environmental surfaces.

15x60mm contact plate, 10/pk

99

Eosin Methylene Blue (EMB)

For isolation and differentiation of Gram negative bacilli (including coliforms) from environmental surfaces.

15x60mm contact plate, 10/pk

P09

Malt Extract

Malt Extract with Lecithin and Tween is recommended for the cultivation of yeasts and molds from environmental surfaces.

With Chloramphenicol, 15x60mm contact plate,

10/pk

Without Chloramphenicol, 15x60mm contact plate,

10/pk

P80

P93

Mannitol Salt Agar (MSA)

For the selective isolation and differentiation of *Staphylococcus* spp. from environmental surfaces.

15x60mm contact plate, 10/pk

P98

Potato Dextrose Agar (PDA) with Lecithin and Tween® 80

For the cultivation of yeast and molds from environmental surfaces. Lecithin and Tween® neutralizes disinfectants

15x60mm contact plate, 10/pk

P62



R2A Agar

For enumeration of heterotrophic bacteria in water, especially potable water or environmental surfaces.

15x60mm contact plate, 10/pk

P32

Rose Bengal Agar with Chloramphenicol

For the selective isolation and enumeration of yeasts and molds from environmental surfaces.

15x60mm contact plate, 10/pk

P42

SabDex (Sabouraud Dextrose) Agar

For the selective isolation and enumeration of yeasts and molds from environmental surfaces.

15x60mm contact plate, 10/pk

P36

Standard Methods Agar with Lecithin and Tween® 80

For the general cultivation and enumeration of microorganisms from environmental surfaces. Lecithin and Tween® 80 neutralizes disinfectants.

15x60mm contact plate, 10/pk

P51

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

For the general cultivation and enumeration of microorganisms from environmental surfaces. Lecithin and Tween® 80 neutralizes disinfectants.

15x60mm contact plate, 10/pk

P34

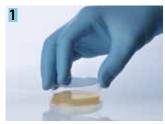
Tryptic Soy Agar with 5% Sheep Blood

For the cultivation of microorganisms from environmental surfaces. 5% Sheep blood in TSA Base.

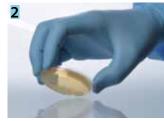
15x60mm contact plate, 10/pk

P33





Remove lid



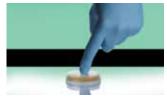
Collect sample



Tap lid



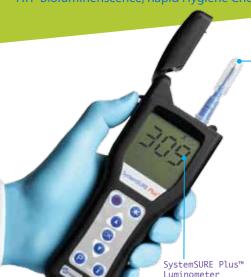
Lid remains securely attached





Rapid Environmental Surface Monitoring

ATP Bioluminenscence, Rapid Hygiene Check





- Ultrasnap™ swabs

SystemSURE Plus[™] Luminometer

The most affordable, smallest, lightest luminometer available! (260g, 17x7x3cm)

- Simple to use menu driven operation from keypad.
- Programmable Pass/Fail levels. Stand alone system or download to PC.
- Spreadsheet compatible data.
- Battery operated.
- Includes cable, operation manual, and durable carrying case. Use with Ultrasnap™, ATP swabs.

Each SS3

ATP Bioluminescence is a rapid method for detecting organic contamination.

- All-in one testing device simple, quick, and easyto-use.
- Results in seconds.
- Unique liquid-stable reagent provides unprecedented accuracy and reproducibility.
- 12-month shelf life at a refrigerated temperature of 2-8 °C, 4-week shelf life at room temperature.
- Measures total ATP present.

100/bx

US2020

Ultrasnap Swabs

Use in conjunction with the SystemSURE Plus™ Luminometer.



Collect sample



Snap and squeeze to release the reagent.



3) Insert into SystemSURE Plus™ and read your results in seconds.

Environmental Sampling Swabs









①Collect sample. ②Safely transport ③Cultivate

to the lab.

③Cultivate specimen.

| EnviroTrans™ Neutralizing Buffer | | | |
|------------------------------------|-------------------------------------|--|--|
| 2ml, 20/bx | SRK20 | | |
| 5ml, 20/bx | SRK15 | | |
| EnviroTrans™ Letheen Bro | | | |
| 5ml, 20/bx | SRK25 | | |
| EnviroTrans™ Saline, 0.859 | | | |
| 0.5ml, 20/bx | SRKØ5 | | |
| 2ml, 20/bx | SRK30 | | |
| 5ml, 20/bx | SRK35 | | |
| EnviroTrans™ D/E Neutrali | EnviroTrans™ D/E Neutralizing Broth | | |
| 5ml, 20/bx | SRK45 | | |
| EnviroTrans™ Neutralizing Saline | | | |
| 5ml, 20/bx | SRK55 | | |
| EnviroTrans™ NaCl with Thiosulfate | | | |
| 5ml, 20/bx | SRK95 | | |

EnviroTrans[™]

A ready-to-use swab and tube pre-filled with your choice of six solutions to fit your specific laboratory needs! The entire unit is terminally sterilized. Collect and transport your environmental sample with efficiency and ease. Excellent for detection or enumeration of microorganisms from environmental surfaces or equipment.

- Neutralizing Buffer for the detection of microorganisms found on surfaces disinfected with chlorine or quaternary ammonia compounds.
- Letheen Broth contains casein peptone and beef extract which promotes growth. Lecithin and Tween® are effective in neutralizing phenols, hexachlorophene, formalin, and ethanol.
- 0.85% Saline is a sterile osmotically neutral transport solution
- D/E Neutralizing Broth is used to neutralize antiseptics and disinfectants, as well as detect organisms remaining after treatment.
- Neutralizing Saline neutralizes the broadest spectrum of antiseptics and disinfectant chemicals while facilitating survival of the organism in the sample during transport. Recommended for enumeration.

| 100/case | 4159BX |
|------------|--------|
| 1,000/case | 4159CS |

Transport Swab with Tube (no media)

A sterile dacron swab on a plastic shaft in a round bottom tube without media. Has a tamper-evident seal.



Tween is a registered trademark of ICI Americas, Inc. Petrifilm is a registered trademark of the 3M Corporation. Dacron is a registered trademark of DuPont, Corp.

Transport Swab with Tube (no media)

Cotton swab, sterile, individually wrapped, wood shaft is 6" long

100/bx

HD258061WC

Polyester swab, sterile, individually wrapped, plastic shaft is 6" long

100/bx HD25806







"Call us for a competitive price quote."

Environmental Sampling Sponges

Solar-Cult® Sampling Sponge with D/E Neutralizing Broth (sponge only)

Sterile cellulose sponge pre-moistened with 10ml of D/E Neutralizing Broth. Individually wrapped in foil pouch.

100/bx BS10DE1

Solar-Cult® Sampling Kit, with D/E Neutralizing Broth

Pre-moistened sterile cellulose sponge with D/E Neutralizing Broth, individually wrapped in a foil pouch. A pair of sterile sampling gloves, 18 oz Twirl 'Em® Bag, and identification labels are included.

50/bx BS02DE1



Whirl-Pak®, Speci-Sponge® Kit with Neutralizing Buffer

This pre-moistened Speci-Sponge® Kit makes environmental surface sampling fast and easy. Perfect for sampling work areas and equipment. The sponge comes in a sterile bag and is pre-moistened with 10ml of Neutralizing Buffer.

100/bx (with sterile gloves)

B01423WA

Membrane Filtration

Biosart® 100 Monitors

Biosart® 100 Monitors have been specifically designed for the detection and enumeration of microorganisms in cosmetics, beverages, water, and other liquids. These sterile disposables, with an incorporated membrane filter and cellulose pad, are ready-to-use. After filtration, just remove the 100ml funnel to convert the Biosart®

reusable funnels.



| Description | Pore Size | Membrane filter color grid color | Quantity | Cat. no. |
|--|-------------------|--------------------------------------|----------|--------------|
| Individually | 0.45 μm | Cellulose Nitrate white black | 48/pk | 164014706ACK |
| wrapped, packaged in 4 trays, 12 units per tray | 0.45 μm | Cellulose Nitrate green dark green | 48/pk | 164024706ACK |
| | 0.45 μm | Cellulose Nitrate gray* white | 48/pk | 164034706ACK |
| | 0.45 μm high flow | Cellulose Nitrate white black | 48/pk | 1640147H6K |
| Packaged in 4 trays, 12 units per tray | 0.45 μm | Cellulose Nitrate white black | 48/pk | 164014706K |
| | 0.45 μm | Cellulose Nitrate green dark green | 48/pk | 164024706K |
| | 0.45 μm | Cellulose Nitrate gray* white | 48/pk | 164034706K |
| | 0.45 μm | Regenerated Cellulose white | 48/pk | 164044706K |
| Bulk, loosely | 0.45 μm high flow | Cellulose Nitrate white black | 48/pk | 1640147H6VK |
| packaged, no | 0.45 μm | Cellulose Nitrate white black | 48/pk | 164014706VK |
| trays | 0.45 μm | Cellulose Nitrate gray* white | 48/pk | 164034706VK |

^{*} Gray membranes turn black after wetting



Adaptability! Your choice of funnel types.



Combisart® Filter Station Membrane Filtration Manifolds

Sterile, Vented, Individual and Multi-Branch Systems
The Sartorius Stedim Biotech Combisart® system enables you to select the optimal hardware and consumables for your needs in microbiological analysis and quality assurance. At the heart of the Combisart® system is a high-grade stainless steel manifold designed to accommodate all types of filter holders and funnels.

A special feature of the Combisart® manifold is that each filter unit can be individually controlled. Combisart® makes filtration equally easy for left or right handed users in your laboratory, because funnels can be positioned to suit the individual user. Requirements and applications may change over time. With Combisart®, you can quickly adapt your current equipment configuration to meet new requirements. This means that you can switch from a reuseable filter holder to a disposable unit without requiring a new equipment investment.

Description Funnel Capacity Cat. no.

1-branch manifold 1 x 100ml 16844

3-branch manifold 3 x 100ml 16842

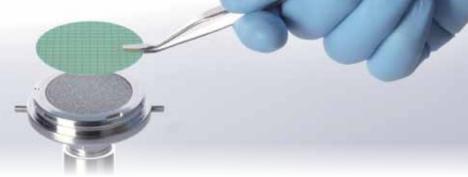
6-branch manifold 6 x 100ml 16843

Combisart® individual and multi-branch manifolds, made of high-grade stainless steel, to accommodate various funnel types. Funnels and frits sold separately.

Combisart® Filter Station (Manifold)

Individual and Multi-Branch Systems



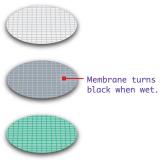


Gridded Membrane Filters

Cellulose nitrate (cellulose ester) membrane filters are offered in a choice of three different colors to suit your specific test application, and provide a high-contrast background. For simple evaluation of the results, the grid divides the filtration area into 130 squares, each measuring 3.1 X 3.1 mm. The membrane filters are individually packaged and sterilized, and undergo stringent quality assurance testing. The certificate included in every package documents the quality assurance tests as well as the compliance of the 0.45 μ m membrane filter with ISO 7704.

Individually wrapped, sterile packaged, 47mm, 100/pk

| Filter Color / Grid | Pore Size | Cat. no. |
|---------------------|-------------------|------------|
| White/black | 0.45 μm | 1140647ACN |
| White/black | 0.45 μm High Flow | 114H647ACN |
| Gray/white | 0.45 μm | 1300647ACN |
| Green/dark green | 0.45 μm | 1380647ACN |
| White/green | 0.45 μm | 1390647ACN |
| White/green | 0.45 µm high flow | 139H647ACN |



Microsart® e.jet Transfer Pump* with Quick Connection

The Microsart® e.jet is a new vacuum laboratory pump able to create sufficient vacuum for vacuum filtration and concomitantly transferring the filtered liquid directly to waste. This second generation of Microsart® e.jet is ideal for sample preparation in microbiology achieving a trans membrane pressure of 600 mbar and a higher flow rate of > 4.0 Nl/min (Normliters water displacement by air in one minute). Constant flow rates and a defined maximum vacuum guarantee smooth and reliable filtration.

| Microsart® e.jet Transfer Pump | 166MP4 |
|--|----------|
| Silicone Tubing with Quick Connection Coupling for vacuum-sided connection | 1ZA0006 |
| Silicone Tubing for pressure-sided connection | 1ZAS0007 |



*Suction for 1-3 stage manifolds only.



Ampoules for Membrane Filtration

Nutrient Media for use with Biosart® and other Membrane Filtration Techniques

50 ampoules per box-



Nutrient Media, 2.5ml, individually sterile-packaged in ampoules, 50/pk

| Determination of | Media Type | Cat. no. |
|------------------------|----------------------------------|------------|
| Total count | R2A (from water) | 1640002RAK |
| Total count | Total Count | 1640002TZK |
| E. coli and coliforms | Lauryl Sulfate Teepol | 1640002LSK |
| E. coli and coliforms | Tergitol TTC | 1640002TTK |
| Enterococci | KF Strep Azide | 1640002KFK |
| Pseudomonas aeruginosa | Cetrimide | 1640002CEK |
| Yeasts and molds | m Green yeast and mold selective | 1640002GSK |

Agar Plates for Membrane Filtration

G03

| R2A Agar |
|----------|
|----------|

For the detection of heterotrophic bacteria in water by membrane filtration.

Nutrient Agar w/ MUG G114

For the detection and enumeration of *E. coli* in water by membrane filtration.

mEl Agar G124

For the selective chromogenic detection and enumeration of enterococci in water by membrane filtration.

m-PA Agar G133

For the cultivation and enumeration of Pseudomonas aeruginosa in water by membrane filtration.

Pseudomonas Isolation Agar G145

For the selective isolation of *Pseudomonas aeruginosa* by membrane filtration.

Standard Methods Agar G148

(Plate Count Agar) For the cultivation and enumeration of microorganisms by membrane filtration.



Tryptic Soy Agar Plate

G151

For use as a general growth medium for the isolation and cultivation of microorganisms by membrane filtration.

Potato Dextrose Agar with TA

G94

(PDA with Tartaric Acid), pH 3.5 + -0.2. For the cultivation and enumeration of fungi by membrane filtration.

m-HPC Agar

G95

For the enumeration of heterotrophic organisms in water samples by membrane filtration.



Professional Microscope, Compound Binocular

A professional binocular microscope that incorporates all the best features of a quality laboratory instrument. The objectives face backwards for more space and the base has a comfortable plastic plating over the metal for less heat conduction. The field diaphragm adjustment built into the illuminator offers Koehler illumination for more lighting control options.

- 30° binocular Seidentopf head, rotatable 360°
- Pair of 10X widefield eyepieces, interpupillary distance adjustment of 55 75mm
- Objectives: 4X, 10X, 40X, 100X
- Magnification: 40X to 1,000X
- Focusing stop to protect objectives and slides from damage
- 140mm x 135mm graduated mechanical stage (range of travel 45 x 80mm) with lower knobs of coaxial drive
- Spring-loaded slide holder
- Condenser with rack and pinion adjustment
- Iris diaphragm with blue filter
- Field diaphragm offers more light control
- Coarse and fine focusing tension controls
- Variable intensity halogen illuminator
- Spare bulb, fuse, and immersion oil
- Dimensions: 7" x 9" x 15" (H)
- Weight: 13.75 lbs.

Each MRP3000



Gram Stain Kit Advanced™

Used to stain microorganisms by the differential Gram stain method. Advanced formula allows for improved differentiation of Gram-negative and Gram-positive organisms.

Kit includes:

- •Advanced Crystal Violet
- ·lodine, Stabilized
- •Decolorizer, Fast
- •Advanced Counterstain

4x250ml bottles GK400A



Bulk Refill

Advanced Crystal Violet

Used as a primary stain in the advanced Gram stain procedure. An aqueous solution of crystal violet.

250ml bottle C008A

1 gallon C128A

Gram's lodine Stabilized

A mordant used in the Gram stain procedure. A stabilized, thicker solution. Use with the intermediate decolorizer. Ready-to-use, long shelf life.

| 250ml bottle | 1008 |
|--------------|------|
| 1 gallon | I128 |

Decolorizer, Fast

Decolorizer used in the Gram stain procedure: fast, 25% alcohol/75% acetone. For those who require a faster decolorizer. Recommended for use with stabilized iodine.

250ml bottle D008F 1 gallon D128F

Advanced Counterstain

Use advanced counterstain for improved staining of gram-negative organisms. Organisms will appear brighter with better defined edges. Stained cells are less likely to be overwashed. Better than Safranin!

| 250ml bottle | S008A |
|--------------|-------|
| 1 gallon | S128A |

Flagella Stain

For use in detecting the presence and arrangement of flagella on the bacterial cell.

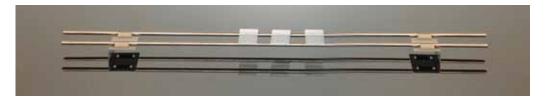
15ml Z87

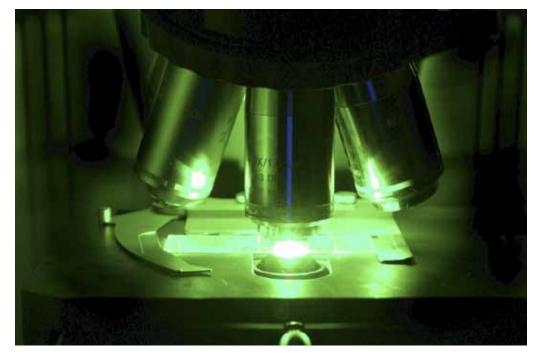


Slide Staining Rack

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 simply and quickly adjustable to fit sinks up to 53.4 cm (21 inches) inside dimensions.

Each 15153821





Inoculating Products

LoopCaddy[™] System

A convenient, acrylic loop holder for use with the Hardy Diagnostics resealable loop pouches. The loop pouch slides onto the loop holder (LoopCaddy"), which holds it steady for easy one-handed dispensing. The loop handles remain covered on top to reduce airborne contaminants. The LoopCaddy" eliminates the laborious task of opening and closing loop containers each time a loop is needed.



Slide resealable loop pouch into LoopCaddy™.



Peel open the resealable tab on top.



Secure the tab into clip.



Take out loop and reseal tab.

SpeedStreaks[™] Loops and Needles in Ziploc[®] Bags

SpeedStreaks[®] are Hardy Diagnostics original line of disposable inoculating loops. The loops are available in several styles and are color coded for convenience. Certificate of Calibration included.

| 1µl, loop, calibrated, light green, flexible, 25/pk, 1,000/case | HS1F |
|--|-------|
| 10μl, loop, calibrated, light blue, flexible, 25/pk, 1,000/case | HS10F |
| Needle, violet, rigid, 25/pk, 1,000/case | HSND |

Inoculation Loops and Needles in Resealable Pouches (for use with Loop Caddy™ System)

| 1μl, loop, calibrated, flexible, light blue, 40/pk, 1,000/bx | 178CSR40 |
|--|----------|
| 10μl, loop, calibrated, flexible, light blue, 40/pk, 1,000/bx | 179CSR40 |
| Needle, violet, 40/pk, 1,000/bx | 176CSR40 |
| LoopCaddy [™] acrylic holder for above pouches, each | K24H |





Loop, Nichrome, Calibrated, 26 Gauge Twisted Nichrome Wire

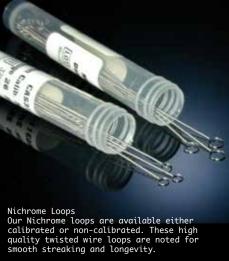
Calibrated inoculating loop, made from high-grade, nickel-chromium alloys to ensure repeated, accurate usage. Guaranteed to deliver precisely 1µl or 10µl of specimen, with or without handle.

| 1μl, with aluminum handle, each | 3730 |
|----------------------------------|------|
| 1μl, without handle, each | 3630 |
| 10μl, with aluminum handle, each | 3740 |
| 10μl, without handle, each | 3640 |

Loop Handle with Sleeve

Aluminum loop holder for use with calibrated or noncalibrated Nichrome wire inoculating loops. Shafts of the loop handles are insulated with PVC.

Loop Handle, 8 inches, each 6000SCI



Loop Handle
These extremely durable loop handles easily attach to your platinum or nichrome loops.
The handles also feature a sleeve for added grip and comfort.

Loop Incinerators

Bacti-Cinerator™ IV

Sterilizes loops and needles by infrared heat safely in ceramic tube. No open flame or hazardous gas. Prevents cross contamination. Complete sterilization takes only 5 to 7 seconds at optimum sterilizing temperature of 1,500 °F. Base is weighted for stability and provides convenient storage for 6 needle holders.

| Bacti-Cinerator™ IV, each | 004002 |
|---|--------|
| Ceramic Heat Element Replacement IV, each | 001373 |

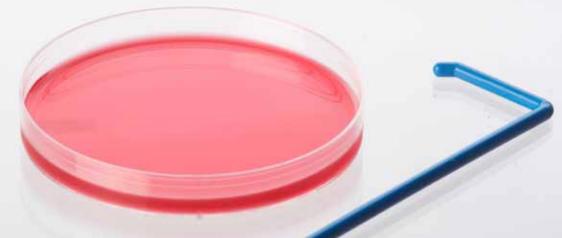


Spreaders

Spreader, L-Shaped and T-Shaped, Disposable, Sterile

Economical alternative to bending glass rods or pipets for spreading microbiological samples on agar surfaces. They are supplied sterile – no need to flame sterilize or autoclave – in a peel pack or a resealable bag. Made of durable, disposable polystyrene. Unlike glass spreaders, they are non-breakable and do not pose a safety hazard.

| | Packaging | Cat. no. |
|-------------------------------------|----------------------|-----------|
| L-Shaped Spreader, 1/pk, 500/case | Individually wrapped | 174CS01 |
| L-Shaped Spreader, 5/pk, 1,000/case | Peel pack | 174CS05 |
| L-Shaped Spreader, 10/pk, 500/case | Peel pack | 174CS10 |
| L-Shaped Spreader, 10/pk, 500/case | Resealable bag | 174CS10ZL |
| T-Shaped Spreader, 1/pk, 500/case | Individually wrapped | COPTS |
| T-Shaped Spreader, 5/pk, 1000/case | Peel pack | COPTS5 |
| T-Shaped Spreader, 10/pk, 500/case | Peel pack | COPTS10 |
| T-Shaped Spreader, 10/pk, 500/case | Resealable bag | COPTS10ZL |



Pipettes



| Sterile, Individually Wrapped | Cat. no. |
|----------------------------------|-------------|
| 2ml Pipet, 500/case | 1720 |
| 5ml Pipet, 250/case | 1740 |
| 10ml Pipet, 200/case | 1760 |
| 25ml Pipet, 100/case | 1780 |
| Sterile, 25 Per Pack | |
| 1ml Pipet, 1000/case | 1710 |
| 2ml Pipet, 1000/case | 1730 |
| 5ml Pipet, 375/case | 1750 |
| 10ml Pipet, 250/case | 1770 |
| Non-Sterile, 25 Per Pack | |
| 1ml Pipet, 1000/case | 1715 |
| 2ml Pipet, 1000/case | 1735 |
| 5ml Pipet, 375/case | 1755 |
| 10ml Pipet, 250/case | 1775 |

Serological Pipettes

Hardy Diagnostics offers plastic, disposable, serological pipets featuring a one-piece construction designed to eliminate the risk of breakage and sample retention. Clear black graduation marks prevent ambiguity and guarantee precise liquid reading and accuracy.

- Calibration is certified for accuracy
- Aerosol barrier filter plug
- Ergonomic design for use in tight spaces
- Reverse graduations
- Negative graduations (not on the 25ml size)
- Fits all major brands of pipettors
- Calibrated to deliver (TD). Meets ASTM E934



Portable Pipet Controller

The Diamond SeroLogic[™] portable pipet controller is a rechargeable electronic pipetting aid designed for use with glass or plastic serological pipets in the 0.1 to 100ml volume range. It is lightweight and ergonomically designed for effortless pipetting even during extensive use.

- One year warranty
- Low battery indicator
- Ergonomic design with soft grip push buttons
- Conveniently located speed control switch for one-handed operation
- Powerful 3-speed engine
- Safety valve and replaceable membrane filter provide double protection against fluid and aerosol contamination
- The supplied charger is protected against overcharging, overheating, and short circuiting
- Removable nose cone is autoclavable
- Up to eight hours of continuous use on a single charge

Fach

3380

Package Includes:

- Two 1000mAH NiMH rechargeable batteries
- Battery charger
- Three PTFE membrane filters: (1) 0.20μm, (2) 0.45μm (one installed)
- Desktop stand
- Wall mounting bracket





Prepared Culture Media

Specimen Preparation/Dilution

| Product | Description | Cat. no. |
|--|--|----------|
| D/E Neutralizing Broth | For dilution and neutralization of product in the cosmetic and personal care products industry and microbiological analysis. | |
| | 16x100mm polycarbonate tube, 4.5ml fill, with Tween® 80 and Magnesium Sulfate, 20/pk | K06 |
| | 16x125mm tube, 10ml fill, 20/pk | K108 |
| | 8 oz wide mouth glass jar, 90ml fill, 12/pk | U75 |
| | 1L polycarbonate bottle, 750ml fill, 10/pk | U76 |
| EE Broth Mossel | For use in the selective enrichment and detection of Enterobacteria | асеае. |
| | 8 oz wide mouth polycarbonate jar, 90ml fill, 12/pk | U291 |
| Lactose Broth | For the cultivation of coliforms and Salmonella spp. | |
| | 8 oz wide mouth glass jar, 90ml fill, 12/pk | U136 |
| | 8 oz wide mouth glass jar, 99ml fill, 12/pk | U92 |
| | 12 oz wide mouth glass bottle, 225ml fill, 12/pk | U146 |
| | 500ml polycarbonate bottle, 500ml fill, 10/pk | U245 |
| Letheen Agar Modified | Letheen Agar Modified, with Tween 80 1.5% | |
| | 15x100mm plate, 28ml fill, 10/pk | W55 |
| Letheen Broth | For dilution and neutralization of product in the cosmetic and person products industry and microbiological analysis. | al care |
| | 16x125mm tube, 9ml fill, 20/pk | K207 |
| | 16x125mm tube, 10ml fill, 20/pk | K106 |
| | 20x125mm tube, 10ml fill, 20/pk | K206 |
| | 16x100mm polypropylene tube, 10ml fill, 20/pk | K118 |
| | 8 oz wide mouth glass jar, 90ml fill, 12/pk | U39 |
| | 8 oz wide mouth glass jar, 99ml fill, 12/pk | U40 |
| Letheen Broth, Modified For dilution and neutralization of product in the cosmetic and products industry and microbiological analysis. | | al care |
| | 16x125mm tube, 9ml fill, 20/pk | K293 |
| | 8 oz wide mouth glass jar, 90ml fill, 12/pk | U293 |
| | 45ml fill, 125 ml polycarbonate container | U268 |
| | Letheen Broth, Modified with Tween 80 1.5%, 1000ml polypropylene bottle, 1000ml fill, 10/pk | U355 |

Container Types/Samples



D/E Neutralizing Broth,16x125mm glass tube, Cat. no. K108



Letheen Broth, 16x100mm polypropylene tube, Cat. no. K118



Tween 80, 8 oz wide mouth glass jar, Cat. no. U16



Lactose Broth, 12 oz wide mouth glass jar, Cat. no. U146



EE Broth Mossel, 8 oz wide mouth polycarbonate jar, Cat. no. U291



D/E Neutralizing Broth, 8 oz wide mouth glass jar, Cat. no. U75

| Product | Description | Cat. no. |
|--|---|----------|
| Letheen Broth with Sodium Thiosulfate 0.2% | For sample preparation and dilution for cosmetic and personal care product samples. For use in evaluating the bactericidal activity of quaternary ammonium compounds. | |
| | 1 Liter polycarbonate bottle, 10/pk | U327 |
| Phospate Buffered Saline | Used to determine the antimicrobial activity of quaternary ammonium compounds and in the microbial evaluation of cosmetics. | m |
| | 16x125mm tube, 9ml fill, 20/pk | K293 |
| | pH 7.5, 125ml polypropylene bottle, 100ml fill, each | U137 |

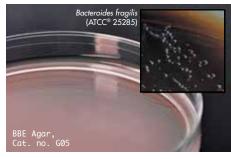
| Product | Description | Cat. no. |
|------------------|--|----------|
| TAT Broth | For the cultivation or dilution of microorganisms from highly viscous of gelatinous materials. | or |
| | with Lecithin and Tween® 80, 16x125mm tube, 3ml fill, 20/pk | K179 |
| | 20x125mm tube, 9ml fill, 20/pk | K251 |
| | 4 oz boston round bottle, 90ml fill, 20/pk | U87 |
| | 4 oz boston round bottle, 99ml fill, 20/pk | U78 |
| | 1 liter polycarbonate bottle, 490ml fill, 10/pk | U318 |
| | 1 liter polycarbonate bottle, 1000ml fill, 10/pk | U319 |
| | 8 oz wide mouth polycarbonate jar, 90ml fill, 12/pk | U77 |
| | 8 oz wide mouth polycarbonate jar, 99ml fill, 12/pk | U88 |
| Tween 80® | General purpose reagent. | |
| | 500ml polycarbonate bottle, 500ml fill, each | U180 |
| | 8 oz wide mouth glass jar, 1ml fill, 12/pk | U15 |
| | 8 oz wide mouth glass jar, 10ml fill, 12/pk | U16 |
| Water, Deionized | For the preparation of dilutions and suspensions. | |
| | 50ml centrifuge tube, 40ml fill, sterile, 25/pk | X51 |

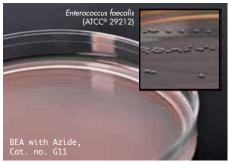


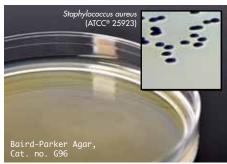
Enumeration and Identification of Microorganisms

| Product | Description | Cat. no. |
|--|---|-------------|
| Baird-Parker Agar | For the selective detection and enumeration of coagulase-positi staphylococci. | ve |
| | 15x100mm plate, 18ml fill, 10/pk | G96 |
| BBE Agar | For the selective isolation and detection of Bacteroides fragilis gr | oup. |
| (Bacteroides Bile Esculin Agar) | 15x100mm plate, 18ml fill, 10/pk | G05 |
| BEA with Azide (Bile Esculin Agar with Azide) For the cultivation and presumptive indentification of group D strep and enterococci. Inhibits Gram negative bacteria. | | treptococci |
| | 15x100mm plate, 18ml fill, 10/pk | G11 |
| BEA Agar Slant | For the identification of group D streptococci and enterococci. | |
| (Bile Esculin Agar Slant) | 16x100mm tube, 5.5ml slant, 20/pk | L10 |
| BHI Media (Brain Heart Infusion Media) | Brain Heart Infusion (BHI) media is a general purpose nutrient medium recommended for the cultivation and isolation of a variety of microorganisms, including bacteria, yeasts, and molds. | |
| | 13x100mm tube, 5ml fill, 20/pk | R20 |
| | 16x100mm polycarbonate tube, 1ml fill, 20/pk | K110 |
| | 16x125mm polycarbonate tube, 10ml fill, 20/pk | K25 |
| | 15x100mm plate, 26ml deep fill, 10/pk | W15 |
| | 20x150mm pour tube, 18ml deep, 20/pk | Q16 |
| | 20x125mm tube, 10ml slant, 20/pk | L35 |
| Blood Agar, 5% | For the non-selective cultivation of microorganisms. General grofor bacteria, yeast, and fungi. | wth media |
| | 15x100mm plate, 19ml fill, 10/pk | A600 |
| Brucella Agar with Hemin and Vitamin K | For the cultivation of anaerobes. A non-inhibitory general growth medium for all Gram positive and Gram negative anaerobic bacteria. Optimized formula for enhanced growth characteristics of anaerobes. This medium is reducible. For pre-reduced media packaged in oxygen-free gas in Mylar® bags, see our AnaeroGRO™ line of culture plates (www.HardyDiagnostics.com). | |
| | 15x100mm plate, 19ml fill, reducible for anaerobes, 10/pk | A30 |
| CET/MAC/VJ Cetrimide Selective Agar (CET) / MacConkey Agar (MAC) / Vogel and Johnson Agar (VJ) Section II: MacConkey Agar; for selective isolation of Gramnegative bacteria. Section III: Vogel and Johnson Agar; for selective isolation of coagulase positive and mannitol-positive S. aureus. | | |
| | 15x100mm triplate, 7ml/section, 10/pk | J314 |









| Product | Description | Cat. no. |
|--|---|----------|
| Cetrimide Selective Agar | For the selective isolation of <i>Pseudomonas aeruginosa</i> . | |
| | 15x100mm plate, 18ml fill, 10/pk | G18 |
| | 16x100mm tube, 5.5ml slant, 20/pk | L34 |
| Chocolate Agar For the non-selective cultivation of fastidious bacteria. | | |
| | 15x100mm plate, 19ml fill, 10/pk | E14 |
| | 16x100mm tube, 5.5ml slant, 20/pk | L37 |
| EMB Levine Agar (Eosin Methylene Blue Levine Agar) | For isolation and differentiation of Gram negative bacilli. Lactose-fermenting Gram negative colonies will have dark centers. Non-lactose-fermentors will be colorless. Some strains of <i>E. coli</i> , but not all, will produce a "green sheen" on this medium. | |
| | 15x100mm plate, 18ml fill, 10/pk | G25 |
| HardyCHROM™ Staph aureus | HardyCHROM™ Staph aureus allows for the rapid and reliable detection of <i>S. aureus</i> , which produces deep pink to fuchsia colored colonies. Bacteria other than <i>S. aureus</i> may utilize the other chromogenic substrates and produce blue or turquoise colonies. If none of the substrates are utilized, natural or white colored colonies will be present. | |
| | 15x100mm plate, 18ml fill, 10/pk | G311 |



BHI Media, 16x100mm tube, Cat. no. K110



BHI Media, 16x125mm tube, Cat. no. K25

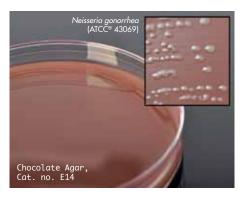


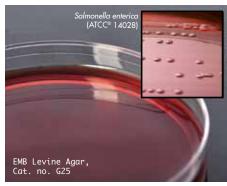
BHI Media, 13x100mm tube, Cat. no. R20



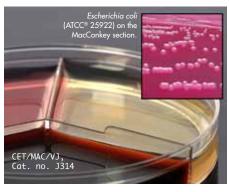
BHI Agar Slant, 20x125mm tube, Cat. no. L35

| Product | Description | Cat. no. |
|--|--|-------------|
| Hektoen Enteric | Hektoen Enteric Agar (HE) is for the selective isolation and differ pathogenic Gram negative enteric bacteria, such as non-lactose <i>Salmonella</i> spp. and <i>Shigella</i> spp. Normal stool flora, such as <i>E. c.</i> partially inhibited. | efermenting |
| | 15x100mm plate, 18ml fill, 10/pk | G63 |
| Koser Citrate Broth | For the differentiation of Escherichia coli from Enterobacter aerogon citrate utilization. | genes based |
| | 13x100mm polycarbonate tube, 4ml fill, 20/pk | R135 |
| MacConkey Agar | For the culture and isolation of Gram negative bacteria. | |
| | 15x100mm plate, 19ml fill, 10/pk | G603 |
| Lactose Broth with Lecithin and Tween Lactose Broth is used to detect coliforms. It can also be used to pre samples for the recovery of Salmonella species. | | pre-enrich |
| | 8 oz wide mouth polycarbonate jar, 90ml fill, 12/pk | U252 |
| Malt Extract Agar | For the cultivation and enumeration of yeasts and molds. | |
| | 15x100mm plate, 26ml deep fill, 10/pk | W28 |
| | 15x100mm plate, with 0.1% Chloramphenicol, 26ml deep fill, 10/pk | W80 |
| | 16x100mm tube, with 0.1% Chloramphenicol, 5.5ml slant, 20/pk | L128 |
| Malonate Broth | For the differentiation of Gram negative bacilli based on malou utilization. | nate |
| | 16x100mm polycarbonate tube, 5ml fill, 20/pk | K36 |











Cetrimide Agar, 16x100mm tube, Cat. no. L34



Chocolate Agar, 16x100mm tube, Cat. no. L37



Koser Citrate Broth, 13x100mm tube, Cat. no. R135



Lactose Broth with Lecithin and Tween®, 8 oz wide mouth polycarbonate jar, Cat. no. U252



| Product | Description | Cat. no. |
|--|---|----------|
| Mannitol Salt Agar | For the selective isolation and differentiation of <i>Staphylococcus</i> spr on high salt content and mannitol fermentation. Differentiates bet <i>aureus</i> and <i>S. epidermidis</i> . | |
| | 15x100mm plate, 18ml fill, 10/pk | G602 |
| Modified Letheen Agar | Modified Letheen Agar is used for evaluating preservative bacteric activity, or microbial cleanliness, of a finished product. Also used ir microbial enumeration procedures. | |
| | 15x100mm plate, 18ml fill, 10/pk | G221 |
| Moeller's Arginine Decarboxylase For the differentiation of Gram negative enteric bacilli based on to decarboxylation reaction of amino acids. | | e |
| | 16x125mm tube, 5ml fill, 20/pk | Y42 |
| Motility Nitrate For the detection of motility and nitrate reduction of bacilli. | | ative |
| | 13x100mm tube, 3ml fill, 20/pk | Y23 |
| MR-VP Broth | For the identification of Gram negative bacilli. | |
| Methyl Red - Voges Proskauer | 16x100mm polycarbonate tube, 5ml fill, 20/pk | K37 |
| Nutrient Gelatin Deep | For the detection of the ability of bacteria to liquify gelatin. | |
| | 16x100mm polycarbonate tube, 6ml deep, 20/pk | Q23 |
| OF Mannitol Medium | For the detection of mannitol oxidation or fermentation by bacteria. | |
| | 13x100mm polycarbonate tube, 3ml fill, 20/pk | Y53 |
| OF Dextrose Medium For the detection of dextrose oxidation or fermentation by bacteria. | | э. |
| | 13x100mm polycarbonate tube, 3ml fill, 20/pk | Y57 |
| OF Fructose Medium | For the detection of fructose oxidation or fermentation by bacteria | |
| | 13x100mm polycarbonate tube, 3ml fill, 20/pk | Y58 |
| Potato Dextrose Agar | Potato Dextrose Agar (PDA) is recommended for use in the cultiva yeasts and mold and for the inducement of sporulation. | ition of |
| | 15x100mm plate, 26ml deep fill, 10/pk | W60 |
| | 15x100mm plate, 28ml deep fill, with tartaric acid, 10/pk | W96 |
| | 20x125mm tube, 10ml slant, 20/pk | L90 |
| | 20x125mm pour tube, 18ml deep, 20/pk | Q29 |
| | 8 oz boston round glass bottle, 200ml fill, 12/pk | U294 |
| | 16 oz boston round glass bottle, 400ml fill, 12/pk | U394 |
| Potato Dextrose Agar with | For the enumeration of yeasts and molds in the cosmetic industry. | |
| Chlortetracycline | 15x100mm plate, 26ml deep fill, 10/pk | W93 |
| Pseudomonas Agar F | For the detection and differentiation of <i>Pseudomonas aeruginosa</i> be enhancement of fluorescein production. | у |
| | 15x100mm plate, 18ml fill, 10/pk | G198 |
| | | |

| Product | Description | Cat. no. |
|--------------------------------|---|-----------|
| Pseudomonas Agar P | For enhancement of pyocyanin production by Pseudomonas aer | ruginosa. |
| | 15x100mm plate, 18ml fill, 10/pk | G201 |
| Pseudomonas Isolation Agar | For the selective isolation of Pseudomonas aeruginosa. | |
| | 15x100mm plate, 18ml fill, 10/pk | G219 |
| | 15x60mm plate (membrane filtration format), 11ml fill, 10/pk | G145 |
| R2A Agar | For the enumeration of heterotrophic bacteria in water. | |
| | 15x100mm plate, 18ml fill, 10/pk | G54 |
| SabDex (Sabouraud Dextrose) | For the cultivation of fungi and yeasts. | |
| | 16x125mm tube, 10ml fill, 20/pk | K54 |
| | 20x125mm pour tube with Lecithin and Tween [®] 80, 18ml deep, 20/pk | Q75 |
| | 20x125mm plate, 18ml fill, 20/pk | Q31 |
| | 15x100mm plate, 26ml deep fill, 10/pk | W701 |
| | 15x100mm plate with Chloramphenicol and Tetracycline, 26ml deep fill, 10/pk | W74 |
| | 15x100mm plate with Lecithin and Tween® 80, 26ml deep fill, 10/pk | W71 |







Malonate Broth, 16x100mm tube, Cat. no. K36







MR-VP Broth, 16x100mm tube, Cat. no. K37

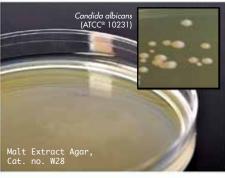


| Product | Description | Cat. no. |
|---|--|----------|
| SF Broth | For the differentiation of group D enterococci from group D no enterococci. | n- |
| | 16x125mm tube, 5ml fill, 20/pk | K45 |
| Simmons Citrate Agar Slant | For the detection of citrate utilization of Gram negative enteric bacilli. | |
| | 16x100mm tube, 5.5ml fill, 20/pk | L80 |
| Standard Methods Agar | For the cultivation and enumeration of microorganisms. Equivalent to Plate Count Agar/Tryptone Glucose Yeast (TGY) Agar. | |
| | 15x100mm plate, 18ml fill, 10/pk | G43 |
| Starch Agar | Starch Agar is recommended for the use in the determination of starch hydrolysis by microorganisms. | |
| | 15x100mm plate, 18ml fill, 10/pk | G294 |
| Thioglycollate (Fluid Thioglycollate) | For the cultivation of microorganisms. Filtered to remove all dead bacteria and debris. | |
| | 16x125mm tube, 10ml fill, 20/pk | K21 |
| TSB For the cultivation of microorganisms. Also known as Soybean-Casein Digest Broth. | | Casein |
| | 13x100mm tube, 5ml fill, 20/pk | R30 |

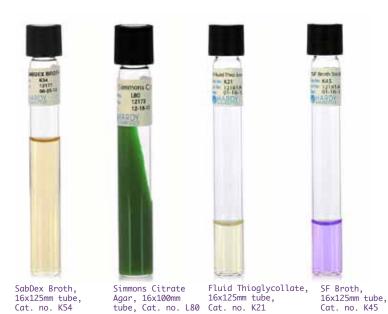








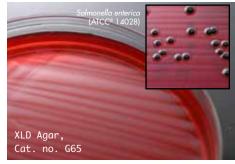
| Product | Description | Cat. no. |
|---|---|----------|
| Tryptic Soy Broth (TSB) with 6.5% Sodium Chloride | For the differentiation of enterococci from Group D streptococci. | |
| with 0.5 % Sociality emoriae | 16x100mm polycarbonate tube, 5ml fill, 20/pk | K126 |
| TSI Agar Slant | For the identification of Gram negative bacilli. | |
| Triple Sugar Iron Agar Slant | 13x100mm tube, 4ml slant, 20/pk | R32 |
| | 16x100mm tube, 6ml slant, 20/pk | L16 |
| | 16x125mm tube, 8ml slant, 20/pk | L50 |
| XLD Agar | For selective isolation of Gram negative enteric pathogens. | |
| Xylose Lysine Deoxycholate | 15x100mm plate, 18ml fill, 10/pk | G604 |
| Violet Red Bile Agar | For the detection of Enterobacteriaceae. | |
| | 15x100mm plate, 18ml fill, 10/pk | G178 |
| Vogel and Johnson Agar | For the selective isolation of coagulase-positive, mannitol-positive <i>Staphylococcus aureus</i> . | |
| | 15x100mm plate, 19ml fill, 10/pk | G193 |



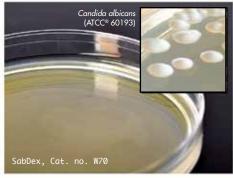
Cat. no. K45

Cat. no. K54









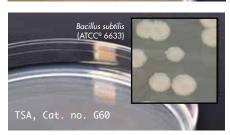




Maintenance Media

| Product | Description | Cat. no. |
|--|--|----------|
| Brain Heart Infusion (BHI) A general purpose nutrient medium recommended for the cultivation, storage, and maintenance of a variety of microorganisms, including bacteria, yeasts, and molds. | | • |
| | 13x100mm polycarbonate tube, 2ml fill, 20/pk | R15 |
| | 16x100mm polycarbonate tube, 5ml fill, 20/pk | K27 |
| | 20x125mm tube, 10ml slant, 20/pk | L35 |
| | 20x150mm pour tube, 18ml deep, 20/pk | Q16 |
| | 25x100mm plate, 60ml deep fill, 5/pk | W163 |
| | 15x100mm plate, 26ml deep fill, 10/pk | W15 |
| TSA Tryptic Soy | This medium is recommended for use in the cultivation, storage, maintenan transportation of pure cultures of microorganisms. | ice, and |
| Agar | 15x100mm plate, 18ml fill, 10/pk | G601 |
| | 15x150mm plate, 69ml fill, 10/pk | H19 |
| | 15x100mm biplate, TSA/TSA, 10ml/section, 10/pk | J108 |
| | 16x100mm tube, 5.5ml slant, 20/pk | L60 |
| | 20x125mm pour tube, 18ml deep, 20/pk | Q58 |
| | 8 oz boston round glass bottle, 200ml fill, 12/pk | U260 |
| | 16 oz boston round glass bottle, 400ml fill, 12/pk | U360 |
| | 500ml polycarbonate bottle, 500ml fill, 10/pk | U361 |







BHI Agar Slant, 20x125mm tube, Cat. no. L35



BHI, 13x100mm tube, Cat. no. R15

When you need something special.



For over 30 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, willing, and able to assist you with your particular needs.

The capability to handle large lot sizes, special container requests, and short deadlines distinguishes us from the competition.

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

The Hardy Team includes a custom product development specialist and an experienced staff of microbiologists and medical technologists to provide product support often needed with microbiology products.

Call 800.266.2222, ext. 5696 to begin a relationship with a company that will work with you every step of the way to achieve your ultimate satisfaction!





Tubed Media



Bottled Medi

Personal Protection

Lab Wear

These affordable, disposable lab coats are made of tri-laminated (SMS) material. SMS is designed to be fully breathable and splash resistant. Our lab coats feature front snap buttons, knit cuffs, and knit collars for added comfort. Three pockets are also featured, one on the breast and one on each hip. Your choice of color: white or blue. Available in five sizes.

| Lab Coats | Cat. no. |
|---------------|-----------|
| Blue, 30/case | |
| Small | 36103BS |
| Medium | 36103BM |
| Large | 36103BL |
| XLarge | 36103BXL |
| XXLarge | 36103BXXL |

| Lab Coats | Cat. no. |
|----------------|-----------|
| White, 30/case | |
| Small | 36103WS |
| Medium | 36103WM |
| Large | 36103WL |
| XLarge | 36103WXL |
| XXLarge | 36103WXXL |



Gloves

PRECISION® Nitrile Gloves

Best all around glove! Soft feel, latex-free, powder-free, micro-textured.

Violet-blue, 1,000/case

| Extra Small | PCS770 |
|-----------------------|--------|
| Small | PCS772 |
| Medium | PCS775 |
| Large | PCS776 |
| Extra Large, 900/case | PCS778 |



Face Shields

24 per bx

4505



Splash Shield, Cat. no. 4505



Adenna Shadow® Nitrile Gloves

Adenna's Shadow® black nitrile powder free exam gloves are an alternative for those who are allergic to natural rubber latex.

- 100% synthetic nitrile polymer
- Softer and more elastic than other nitrile gloves without latex additives
- 100% latex free eliminates potential allergic reactions to latex protein
- Textured surface provides strong grip for both wet and dry applications
- Superior puncture, tear and chemical resistance with excellent dexterity

Black, 1,000/case

| Small | SHD932 |
|--------|--------|
| Medium | SHD935 |
| Large | SHD936 |
| | |



Soap and Sanitizers

AloeGuard® Antimicrobial Hand Soap

A specially formulated antimicrobial soap with soothing, moisturizing aloe vera to protect your skin's delicate balance. Chloroxylenol (PCMX) provides the high antimicrobial activity necessary for personal protection and reduction of cross contamination. Feels and smells great while leaving your hands feeling soft and clean.

| 18 oz pump bottle, each | 7760 |
|---------------------------------|------|
| 4 oz bottle with flip top, each | 7725 |
| 1 gallon, each | 7740 |



AloeGuard Antimicrobial Hand Soap, Cat. no. 7760.

ALPET™ E3 Ethanol Hand Sanitizer

Boasts the equivalency of an E3 rating from the USDA, which allows the user to handle food directly after use. It has been proven effective in killing *E. coli, Salmonella, Staphylococcus*, as well as other transient microorganisms on bare or gloved hands. The ethanol-based formula requires no rinsing and evaporates quickly, which eliminates the need for towels. It is also enriched with a natural emollient to soothe and soften the hands.

| 1 liter bottle, 6 per case | SA10012 |
|--|---------|
| 1 gallon bottle, 4 per case | SA10014 |
| Stainless steel dispenser, manual, for gallon size, wall mounted, each | MD10006 |



Stainless Steel Gallon Dispenser, Cat. no. MD10006



1 Liter bottle, Cat. no. SA10012





AloeSafe[™] Antiseptic Hand Sanitizer Gel

Ethyl alcohol gel with *Aloe vera*, lavender oil, and vitamin E, by Hardy Diagnostics.

- •Contains healing vitamin E and moisturizing *Aloe* vera
- •Does not cause drying
- •Unique formula that's effective without harsh ingredients
- •Does not contain propylene glycol (antifreeze additive)
- •Does not contain sticky glycerin
- •Does not contain estrogenic parabens
- •Kills 99.9% of bacteria

| 2 oz bottle with flip top | AS2HD |
|---------------------------|--------|
| 4 oz bottle with flip top | AS4HD |
| 16 oz pump bottle | AS16HD |

- AloeSafe[™] hand sanitizer leaves hands soft and silky, never sticky.
- ✓ Contains moisturizing Aloe vera, healing Vitamin E, and soothing Lavender Oil.
- Read your labels and see that AloeSafe™ is the natural, gentle, yet effective alternative.
- ✓ No harsh or toxic chemicals!





Surface Sanitizer

Alpet D2 Surface Sanitizer

Alpet D2 is a rapid kill, no-rinse, and highly evaporative surface sanitizer/disinfectant spray. Ideal for general surfaces and water-sensitive equipment. Alpet D2 is a combination of isopropyl alcohol and a quaternary ammonium compound.

| 1.1 Liter | SS10003 |
|---------------|---------|
| 5 gallon tote | SS10002 |



Rapid Identification Systems



Microgen® Listeria

Microgen® ID Panels

Microgen® ID panels are presented in convenient microwell formats; these systems provide flexible identification platforms which in turn provide savings in cost, time, and key laboratory space (incubation and storage). By Microgen® Bioproducts.

| GN (Gram Negative) ID, Panel A, 60 tests/kit | MID64 |
|---|-------|
| Microgen® Bacillus ID Panel, 20 tests/kit | MID66 |
| Microgen® Listeria ID Panel, 20 tests/kit | MID67 |
| Microgen® Staph ID Panel, 20 tests/kit | MID69 |
| Microgen® ID Software 2008 provides users of Microgen® Identification Systems with an easy to use results analysis. | MID60 |

| Reagents (Additional reagents may be required, which are not included in the kits) | |
|--|------|
| Nitrate Reagent A | Z71 |
| Nitrate Reagent B | Z72 |
| Nitrate Reagent C | Z73 |
| Voges-Proskauer Reagent A | Z91 |
| Voges-Proskauer Reagent B | Z92 |
| TDA (Ferric Chloride) | Z63 |
| Indole Kovacs | Z67 |
| Oxidase Strips | Z93 |
| Mineral Oil | Z79 |
| PYR | Z127 |
| Ninhydrin | Z70 |



Enterotube II

Enterotube II

For the rapid identification of *Enterobacteriaceae*, utilizing modified conventional and chromogenic substrates, by BD Biosciences.

| Enterotube II, 25/bx | 211832 |
|---|--------|
| Interpretation Guide, Enterotube II Code Book | 243383 |

Reagents

Catalase Reagent

Useful in the presumptive identification and differentiation of many bacteria such as *Streptococcus* species (catalase-negative) and *Staphylococcus* species (catalase-positive).

Catalase positive organisms (such as Staphylococcus) will produce gas bubbles in the presence of hydrogen peroxide 3%, H_2O_2 .

Catalase Reagent, hydrogen peroxide 3%. 60ml bottle



Catalase Reagent, Cat. no. Z62

OxiStrips™

Paper strips for testing the oxidase reaction. Simply place a drop of water on the strip, then rub on bacteria. Positives turn dark purple within 15 seconds.

OxiStrips[™]Oxidase test, 25 strips/pk Z93

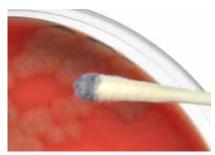


OxiStrips™, Cat. no. Z93

OxiSticks™

For use in testing the oxidase reaction of bacteria. Simply touch the swab to the colony to be tested and observe for color change.

OxiSticks[™] tests, 25 swabs per vial Z193



OxiSticks™, Cat. no. Z193

Mineral Oil, Sterile

Heavy mineral oil for biochemical tests that require oil overlays.

15ml, each

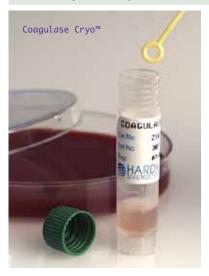


Coagulase Cryo™

The ready-to-use Coagulase Cryo™ is used to differentiate *Staphylococcus* species based on the ability to produce coagulase. No addition of water, no mixing, no measuring required! It contains rabbit plasma, and is used to test for the production of free coagulase. Simply thaw the plastic vial to room temperature, inoculate, and observe for coagulation.

For *Staphylococcus aureus*, 0.5ml in a 2ml vial, ready-to-use, 20/pk

Z202



StaphTEX™ Blue

The StaphTEX[™] Blue kit tests for both the Clumping Factor and Protein A found in *S. aureus*. The entire procedure takes less than one minute. Liquid controls are included. A rapid latex agglutination test for *Staphylo-coccus aureus*, blue beads on a white card for easy read-out.

| StaphTEX™ Blue, 50 tests | ST50 |
|--|--------|
| StaphTEX™ Blue, 200 tests | ST200 |
| StaphTEX [™] Blue, 1000 tests | ST1000 |

CoaguStaph™

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

6x3ml Z003

6x20ml Z020

CoaguStaph™, Cat. no. Z003



CoaguStaph™, Cat. no. Z020



Coagulase reaction in test tube.



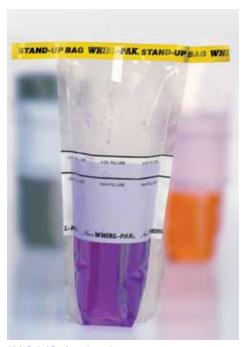


Sample Collection & Transport

Whirl-Pak®, Stand-up Bag

Enjoy the ease of working with your sample in a Whirl-Pak® bag that stands upright by itself! A special gusset creates a flat bottom when the sample is placed in the bag, allowing the bag to stand completely on its own. May be used to hold liquids or solids and has a convenient write-on strip.

| 4 oz, 500/bx | B01364WA |
|---------------|----------|
| 18 oz, 500/bx | B01365WA |



Whirl-Pak®, Stand-up Bag

Whirl-Pak®, Write-on Bags

White write-on strip to make sample identification easier and more convenient. It's easy to write on this white strip with an ordinary ballpoint pen, pencil, or felt-tip marker.

| 1 oz, 500/bx | B01067WA |
|---------------|----------|
| 2 oz, 500/bx | B01064WA |
| 4 oz, 500/bx | B01062WA |
| 18 oz, 500/bx | B01065WA |
| 24 oz, 500/bx | B01297WA |
| 55 oz, 500/bx | B01195WA |

WHIRL-PAK[®]



Whirl-Pak®, Write-on Bag

Spatulas/Scoops

SmartSpatula[™] Disposable Spatulas

- Use to scoop, scrape, or stir
- Economical, disposable, contoured virgin polypropylene
- Many uses including chemical and biological material transfer, weighing, collection, and manipulation
- A multipurpose tool with scoop and spatula ends

| Opaque, 140mm, micro, 300/bx | 80081194 |
|---------------------------------|----------|
| Blue, 210mm, standard, 300/bx | 80081188 |
| Opaque, 210mm, standard, 300/bx | 80081190 |
| Green, 310mm, macro, 150/bx | 80081192 |



SmartSpatula™ Disposable Spatulas

Sterile Scoops

- Designed to gather small amounts of sample material
- Long handle reaches easily into confined areas minimizing the potential of personal contact with sampled material
- · Disposable, individually wrapped

| ¼ Teaspoon, 200/pk | 56925109 |
|----------------------|----------|
| ½ Teaspoon, 200/pk | 56925131 |
| 1 Teaspoon, 200/pk | 56925164 |
| 1 Tablespoon, 200/pk | 56925197 |



Sterile Scoop

Sterile Cups

ClikSeal[™] Sample Cup

- Patented lid is designed to securely lock in sample
- Audible "CLICK" when cap is screwed into secure position, indicates seal has been made
- Lid features a "nesting" design so that cups can be easily stacked
- Constructed of tough polypropylene with thick walls
- Paper label is attached for easy sample identification
- Graduation marks on side allow for volume measurement
- Sterile cup includes tamper evident seal on lid

| | Sterile, 90ml, 200/case | PC4090200S |
|--|--------------------------|------------|
| | Sterile, 90ml, 400/case | PC4090400S |
| | Sterile, 120ml, 200/case | PC4064200S |
| | | |



ClikSeal™ Sample Cup

Storage Vials

Flip-Lok[™] Vial

The new Flip-Lok™ vial is suited for a wide variety of applications. Great for sample collection and sample storage.

- Flip-Lok[™] hinged lid allows for easy one-handed opening.
- Transparent polypropylene has been clarified for a clear view of the vials contents.
- Sterile when unopened, this vial ensures product or sample integrity.
- · Leak resistant technology forms a water tight seal.
- Economically priced!
- Large write-on area
- 100% recyclable!
- · Graduated etched lines at 90 and 99ml.
- 145ml total volume

Flip-Lok™ Vial, empty, 250/case

3538



Tongue Depressors

| Tongue Depressors | |
|--|-------|
| Non-sterile, non-wrapped, 6" long, 500/bx | 704 |
| Sterile, individually wrapped, 6" long, 100/bx | 25705 |



Tongue Depressor, Cat. no. 704

Water Sampling Vials

Vial, Polypropylene

- Meets all EPA requirements for water testing
- · Vials are pre-sterilized with a hinged lid

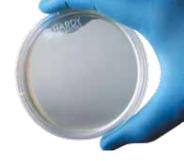
| 120ml, with thiosulfate tablet, 200/bx | EPA120T83P |
|---|------------|
| 120ml, without thiosulfate tablet, 200/bx | EPA12083 |



Polypropylene Vial

Petri Dishes

| Petri Dishes (sterile) | |
|--|------|
| 15x100mm, with stacking ring, 500/case | 3561 |
| 15x100mm, without stacking ring, 500/case | 3301 |
| 15x100mm, with stacking rings and Hardy logo, 575/case | 3536 |



Racks

| Petri Plate rack, fixed, acrylic, dispenser, 4 slots | PPD100 |
|--|--------|
| Petri Plate rack, revolving, acrylic, dispenser, 4 slots | PPR100 |
| Petri-Porter™, petri plate carrying rack, 6 slots, | PDR60 |

Petri-Porter™, Cat. no. PDR60

Scale

Precision, Flectronic Scale

Excellent for weighing out samples and for general laboratory use. Digital read-out from 0 to 610 grams. This high-precision, portable balance offers a range of built-in applications with Swiss quality in a compact design.

Each ML601E

Electronic Scale, Cat. no. ML601E





Weighing Dishes

Weighing Dishes, Polystyrene, Disposable

- · Dishes have flat bottoms, sloping sides, and round corners
- Polystyrene composition is resistant to dilute acids, alcohols, and bases
- Withstands temperatures to 60 °C
- · Ideal for handling both liquids and solids
- Stack compactly for convenient storage

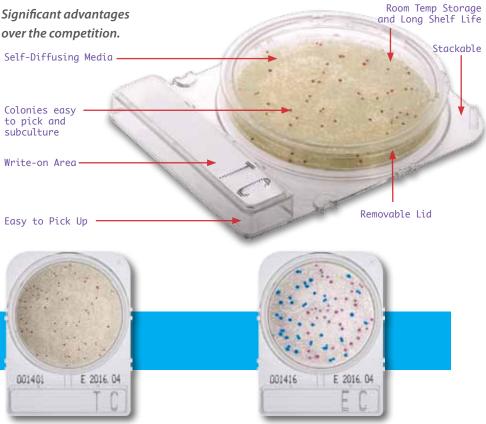
| Small, 1.625x1.625x0.3125 inches, 500/case | 3620 |
|--|------|
| Medium, 3.5x3.5x1 inches, 500/case | 3621 |
| Large, 5.5x5.5x0.875 inches, 500/case | 3622 |



Weighing Dish



Compact Dry™ is a ready-to-use system reducing the time needed to perform microbial testing on food, beverage, meat, cosmetics, and raw materials. Place 1ml of sample onto the plate and incubate. Colonies grow and develop specific colors from chromogenic substrates. This provides for easy organism differentiation and counting.



Compact Dry™ TC (Total Count)

Compact Dry™TC is a medium for total viable bacterial count. Growing colonies appear red due to redox indicator tetrazolium salt. Compact Dry™TC is AOAC, MicroVal and NordVal approved.

Compact Dry™ EC (E. coli and Coliforms)

Compact Dry™ 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.

100/pk.....EC100



Compact Dry™ 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. Enterobacteriaceae are gram-negative, rod-shaped bacteria and are a normal part of the gut flora which is found in the intestinal tract of animals. Genera of Enterobacteriaceae consists of: Citrobacter. Enterobacter, Escherichia. Klebsiella, Morganella, Proteus, Salmonella, Serratia, Shigella, Yersinia and more. 100/pk.....ETB100



Compact Dry™ LS (Literia)

For the selective growth, presumptive identification, and enumeration of *Listeria* spp. 100/pk......LS100



Compact Dry™ YM (Yeast and Mold)

With Compact Dry™ YM, yeasts and mold can be differentiated by color. The medium contains the chromogenic enzyme substrate X-Phos which turns blue with many yeasts. Molds form fluffy colonies with a characteristic color.



Compact Dry™ CF (Coliforms) Compact Dry™ CF is an easy

Compact Dry™ CF is an easy tool for the detection of coliforms. Coliforms grow with blue/blue green colonies as the recipe contains the chromogenic enzyme substrate X-GAL. The growth of bacteria other than coliforms is mainly inhibited but in case of growth they form colorless colonies.



Compact Dry™ XSA

(Staphylococcus aureus)
For the selective growth and differentiation of *S. aureus* by egg yolk reactions. *S. aureus* generates blue pigments which result in blue/blue green colonies.

100/pk.....XSA100



Compact Dry™ SL

(Salmonella)
For the presumptive identification and enumeration of Salmonella spp.
100/pk......SL100



Remove protective cap from Compact Dry™ plate.



Drop 1ml of specimen (dilute if necessary) in the middle of dry sheet.



Specimen diffuses automatically into the plate, transforming the dry medium to gel.

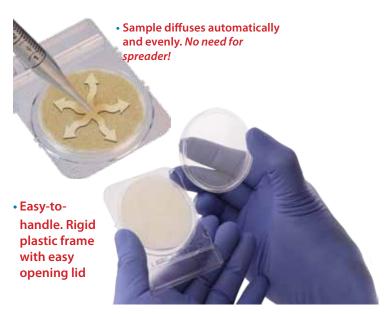


Attach the cap, and incubate for prescribed time. Count the number of colonies on a light box (Cat. no. 378642000).

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



• Stackable and space saving







Call 800-266-2222 x5604, scan the QR Code, or visit HardyDiagnostics.com/ CompactDry.html for a Free Evaluation Sample



| Compact Dry™ Products | Incubation Temp | Incubation Time |
|--------------------------|--------------------|--------------------|
| CF | 35 ℃ | 18-24 hr |
| EC | 35 ℃ | 20-24 hr |
| XSA | 35 ℃ | 24 hr |
| TC | 35 ℃ | 44-48 hr |
| YM | 25 °C | 3-7 days |
| | | |





• Rapid results that are clearly readable



• Four plates per mylar sleeve



together for one convenient serial dilution set if desired.



Call 800-266-2222 x5604, scan the QR Code, or visit HardyDiagnostics.com/ CompactDry.html for a Free Evaluation Sample





Convenient write-on area



is manufactured for Hardy Diagnostics by **ONISSUI PHARMACEUTICAL CO., LTD**

Hardy Diagnostics is your Authorized North American Distributor.

AOAC Approved* MicroVal Approved* NordVal Approved*

TC, EC, CF, YM, X-SA TC, EC, CF, X-SA, X-BC

*Call for more specific details







