

Pharmaceutical Microbiology

 **HARDY**
DIAGNOSTICS
A Culture of Service™



Online Ordering Available



ISO 13485
FM 572526

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Hardy Diagnostics

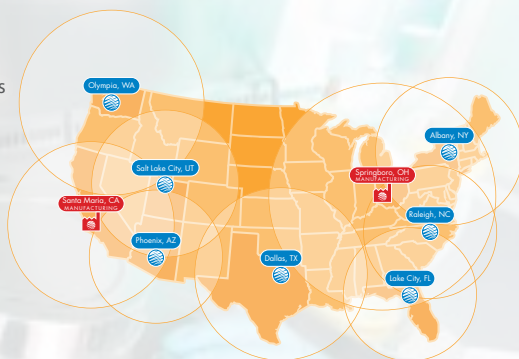
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Hardy Diagnostics



Now with
9 Distribution Centers & 2 Manufacturing Plants
Same Day Shipping to serve you better!

Orders placed before 1:30 p.m. for all time zones (except Hawaii and Alaska) are processed and shipped out the same day. Most orders are received the next morning.

Our Advantage

Hardy Diagnostics manufactures over 3,500 prepared culture media products and provides a complete selection of over 13,000 microbiology supply items. Founded in 1980, Hardy Diagnostics has grown to service over 9,000 microbiology laboratories within the United States and throughout the world.

In addition to manufacturing culture media, Hardy Diagnostics is also an authorized distributor for over 80 other fine diagnostic manufacturers. Among them are Sartorius, Denka Seiken, Hygiena, Copan, Puritan, Medical Chemical, and Microbiologics.

• USP Compliant Quality Control

For items designated USP, Hardy Diagnostics quality control testing is performed in accordance with the requirements set forth in *USP/NF, Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests <61>*, *Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms <62>*, and *Sterility Tests <71>*. Rockville, MD: US Pharmacopeial Convention.

• Quality Control Program

All of the products manufactured by Hardy Diagnostics are tested to the highest standards for quality and performance. To assist our industrial customers with ISO and cGMP requirements, a "Certificate of Analysis" is available online.

• ISO Certified

The Quality management system of the Hardy Diagnostics' California and Ohio manufacturing facilities has been certified to ISO 13485, a quality standard specifically for medical device manufacturers.



• Online Catalog and Ordering



To save time, you can quickly locate any of our products, including current pricing, at our website www.HardyDiagnostics.com. Ordering online is easy and allows you to save a list of your "favorite" products, view past orders, and receive order status email notifications.

• Custom Product Manufacturing

Hardy Diagnostics is willing and able to manufacture products specific to your needs. Special container and formula requests are welcome. Simply contact our Director of Sales for details at (800) 266-2222 ext. 5696.

• Two Manufacturing Plants

Hardy Diagnostics is the only culture media company with bi-coastal manufacturing plants that provide our customers with the additional security of product availability.



A Culture of Service™



Plates and Tubes

Blood Agar Plate, 5% Sheep Blood in Tryptic Soy Agar

General growth medium. (This product is for laboratory use only; not for human diagnostic use.)

15x100mm plate, 19ml fill, 10/pk	A600
15x100mm plate, 19ml fill, 100/bx	A600BX

Cetrimide Selective Agar, USP

For the selective isolation of *Pseudomonas aeruginosa*.

15x100mm plate, 18ml fill, 10/pk	G18
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Columbia Agar, USP

For the isolation and cultivation of non-fastidious and fastidious microorganisms.

15x100mm plate, 18ml fill, 10/pk	G250
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Columbia Blood Agar, biplate

Recommended for use as a general growth medium for the cultivation and hemolytic determination of fastidious and non-fastidious.

15x100mm biplate, 10ml fill per section, 10/pk	J216
--	------

Deionized Water

For the preparation of dilutions and suspensions.

16x125mm glass tube, 8ml fill, 20/pk	K257
16x125mm glass tube, 9ml fill, 20/pk	K259

Dichloran Rose Bengal Chloramphenicol (DRBC) Agar

For use in the cultivation of yeast and mold.

15x100mm plate, 26ml fill, 10/pk	W89
--	-----

EE Broth Mossel, USP

For the selective enrichment of *Enterobacteriaceae*.

16x125mm tube, 9ml fill, 20/pk	K191
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Fluid A, USP

A rinsing and diluting fluid.

20x125mm tube, 18ml fill, 20/pk	K205
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Fluid D, USP

To ensure sterility of injectables, non-injectables, liquid products, oils and ointments, antibiotic powders, sterile pathway devices and aerosols.

16x125mm tube, 9ml fill, 20/pk	K168
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See page 15-16 for Irradiated Sterile Plates

Fluid Thioglycollate Broth with Indicator, USP

For the cultivation of microorganisms and USP sterility procedures. Contains resazurin oxygen indicator.

16x125mm tube, 10ml fill, 20/pk	K21
20x125mm tube, 10ml fill, 20/pk	K121
20x125mm tube, 15ml fill, 20/pk	K84

Fluid Thioglycollate with Beef Extract, USP

For the cultivation of microorganisms and USP sterility procedures.

16x125mm tube, 10ml fill, 20/pk	K127
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Fluid Thioglycollate with Hemin and Vitamin K

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

16x125mm tube, 10ml fill, 20/pk	K73
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Hektoen Enteric (HE) Agar

Recommended for the isolation and differentiation of gram-negative enteric pathogens.

15x100mm quad-plate, 5ml fill per section, 10/pk	J415
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MacConkey Agar, USP

For the isolation and differentiation of gram-negative bacteria. (This product is for laboratory use only; not for human diagnostic use.)

15x100mm plate, 19ml fill, 10/pk	G603
15x100mm plate, 19ml fill, 100/bx	G603BX

MacConkey Broth

For the isolation and differentiation of gram-negative bacteria.

16x125mm tube, 10ml fill, 20/pk	K196
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MacConkey Broth with Durham Tube

For the detection of gram-negative, lactose fermenting bacilli.

16x100mm tube, 5ml fill, 20/pk	K194
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mHPC Agar (Heterotrophic Plate Count)

Total bacteria counts in water and environmental samples.

20x125mm tube, 18ml deep, 20/pk	Q39
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Malt Extract Agar

For the cultivation and enumeration of yeasts and molds.

15x100mm plate, 26ml deep, 10/pk	W28
--	-----

Mannitol Salt Agar (MSA), USP

For the selective isolation and differentiation of *Staphylococcus* spp. (This product is for laboratory use only; not for human diagnostic use.)

15x100mm plate, 18ml fill, 10/pk	G602
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Nutrient Agar

For the isolation and cultivation of nonfastidious microorganisms.

15x100mm plate, deep fill, 10/pk.....	W51
20x150mm tube, 20ml deep, 100/bx	Q84

Potato Dextrose Agar, USP

For the cultivation of yeast and mold.

15x100mm plate, 26ml deep fill, 10/pk.....	W60
15x150mm plate, 68ml fill, 10/pk	H51
20x125mm pour tube, 18ml deep, 20/pk	Q29

Pseudomonas Agar F

For the identification of *Pseudomonas aeruginosa* and the detection of fluorescein.

15x100mm plate, 18ml fill, 10/pk	G198
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Pseudomonas Agar P

For the identification of *Pseudomonas aeruginosa* and the detection of pyocyanin.

15x100mm plate, 18ml fill, 10/pk	G201
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Rappaport-Vassiliadis Broth, USP

For the selective enrichment of *Salmonella* spp.

16x125mm tube, 10ml fill, 20/pk.....	K246
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Reinforced Clostridial Medium with Na Lactate

For the cultivation and enumeration of clostridia, and other anaerobic and facultative bacteria.

15x100mm plate, 18ml fill, 10 /pk	G351
16x125mm tube, 10ml fill, 20 /pk	K351

Sabouraud Dextrose Agar, USP

For the cultivation of yeast and mold.

15x100mm plate, 26ml deep fill, 10/pk.....	W701
15x150mm plate, 70ml fill, 10/pk	H39
25x100mm plate, 60ml deep fill, 5/pk	W250
20x150mm tube, 20ml deep fill, 100/bx	Q83

Sabouraud Dextrose Agar, Blue

For the cultivation of fungi. Blue green color enables easy differentiation from Tryptic Soy Agar or other light amber colored media.

15x100mm plate, 26ml fill, 10/pk	W82
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Sabouraud Dextrose Agar with Chloramphenicol

For the cultivation of fungi.

16x125mm tube, 18ml fill, 20/pk.....	Q34
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Sabouraud Dextrose Agar with Lecithin and Tween® 80

For the cultivation of yeast and mold.

15x100mm plate, 26ml fill, 10/pk	W71
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Sabouraud Dextrose Broth

For the cultivation of fungi.

16x125mm tube, 10ml fill, 10/pk.....	K54
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Tryptic Soy Agar (TSA), USP

For the cultivation of microorganisms. Also known as Soybean-Casein Digest Agar.

15x100mm plate, 18ml fill, 10/pk	G601
15x100mm plate, 26ml fill, 10/pk	W64
15x150mm plate, 69ml fill, 10/pk	H19
20x125mm pour tube, 18ml deep, 20/pk	Q58
20x150mm tube, 1.5x, 20ml deep, 100/bx.....	Q80

Tryptic Soy Agar with Lecithin and Tween® 80

For the cultivation and enumeration of microorganisms.

20x125mm tube, deep, 18ml fill, 20/pk	Q13
15x100mm plate, 27ml fill, 10/pk	G41

Tryptic Soy Broth (TSB), USP

For sterility testing and cultivation of microorganisms.

Also known as Soybean-Casein Digest Broth.

5ml in 12cc luer lock plastic syringe, 10/pk.....	S37
16x100mm tube, 5ml fill, 20/pk	K89
16x125mm tube, 10ml fill, 100/bx.....	K82
20x125mm tube, 15ml fill, 20/pk.....	K83
20x150mm tube, 20ml fill, 100/bx.....	K380

Tryptic Soy Agar / Cetrimide Agar/ Mannitol Salt Agar, Triplate

• TSA - For the cultivation of microorganisms.

• Cetrimide - For the selective isolation of *Pseudomonas aeruginosa*.

• MSA - For the selective isolation and differentiation of *Staphylococcus* spp.

15x100mm triplate, 21ml fill per section, 10/pk.....	J330
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Violet Red Bile with Glucose Agar

For the detection of coliforms.

15x100mm biplate, 10/pk	J132
15x100mm plate, USP, 18ml fill, 10/pk.....	G178

Xylose Lysine Deoxycholate (XLD) Agar

For the selective isolation of pathogenic, gram-negative enteric bacteria.

15x100mm plate, USP, 18ml fill, 10/pk.....	G604
15x100mm quad-plate, 5ml fill per section, 10/pk.....	J414

Bottle Size Comparison

Bottle and Jar Media

- ① 500ml heavy duty glass bottle
- ② 473ml boston round glass bottle
- ③ 250ml boston round glass bottle
- ④ 120ml boston round glass bottle
- ⑤ 60ml boston round glass bottle
- ⑥ 200ml wide mouth glass jar
- ⑦ 130ml polypropylene bottle
- ⑧ 180ml polycarbonate wide mouth jar
- ⑨ 125ml polycarbonate bottle
- ⑩ 500ml polycarbonate bottle
- ⑪ 1L polycarbonate bottle
- ⑫ 600ml polycarbonate wide mouth bottle with cap



Antibiotic Media, USP

For use in the determination of antimicrobial activity per USP <81>.

10	#1, 500ml polycarbonate bottle, 400ml fill,	
10/pk	.....	U501
10	#8, 500ml polycarbonate bottle, 400ml fill,	
10/pk	.....	U508
10	#11, 500ml polycarbonate bottle, 400ml fill,	
10/pk	.....	U511
10	#32, 500ml polycarbonate bottle, 400ml fill,	
10/pk	.....	U532

Buffer No. 3, USP

For use in antibiotic potency assays.

10	500ml polycarbonate bottle, 500ml fill,	
10/pk	.....	U303

Buffer No. 4, USP

For use in antibiotic potency assays.

10	500ml polycarbonate bottle, 500ml fill,	
10/pk	.....	U307

Buffered Sodium Chloride Peptone, USP

For use as a rinse fluid for membrane filtration methods.

10	500ml polycarbonate bottle, 500ml fill,	
10/pk	.....	U301

Buffered Sodium Chloride Peptone Solution (pH 7.0), USP

For the preparation of isotonic suspensions and dilutions of microorganisms.

8	180ml polycarbonate wide mouth jar, 90ml fill,	
12/pk	.....	U255

EE Broth Mossel, USP

For the selective enrichment of *Enterobacteriaceae*.

8	180ml polycarbonate wide mouth jar, 90ml fill,	
12/pk	.....	U291
8	150ml wide mouth polycarbonate jar, 100ml,	
12/pk	.....	U391

Fluid A

For use as a diluting and rinsing fluid.

4	120ml boston round glass bottle, USP, 100ml fill,	
20/pk	.....	U13
7	130ml polypropylene bottle, USP, 100ml fill,	
12/pk	.....	U19
3	250ml boston round glass bottle, 200ml fill,	
12/pk	.....	U436
8	180ml polycarbonate wide mouth jar, USP, 90ml fill,	
12/pk	.....	U17
11	1L polycarbonate bottle, USP, 1L fill, 10/pk.....	U208

Fluid D

A rinsing and diluting fluid.

4	120ml boston round glass bottle, 100ml fill,	
20/pk	.....	U437
8	180ml polycarbonate wide mouth jar, USP, 100ml fill,	
12/pk	.....	U135
10	500ml polycarbonate bottle, USP, 300ml fill,	
10/pk	.....	U210
10	500ml polycarbonate bottle, USP, 500ml fill,	
10/pk	.....	U215
11	1L polycarbonate bottle, USP, 1L fill,	
10/pk	.....	U115



Fluid K, USP

A diluting and rinsing fluid.

- 11 1L polycarbonate bottle, 1L fill,
10/pk.....U206

Fluid Thioglycollate Broth with Indicator

For the cultivation of microorganisms and sterility procedures. Contains resazurin oxygen indicator.

- 4 120ml boston round glass bottle, USP, 20/pk.....U121
- 3 250ml boston round glass bottle, 200ml fill,
12/pk.....U434
- 6 200ml wide mouth glass jar, USP, 100ml fill,
12/pk.....U41
- 3 250ml boston round glass bottle, USP, 100ml fill,
12/pk.....U3121
- 3 250ml boston round glass bottle, USP, 200ml fill,
12/pk.....U247

Lactose Broth with Lecithin and Tween®

Used to detect coliforms in pharmaceuticals. Also used to pre-enrich samples for the recovery of *Salmonella* spp.

- 8 Tween® 20, 250ml polycarbonate wide mouth jar,
90ml fill, 12/pk.....U252
- 8 Tween® 80, 250ml polycarbonate wide mouth jar,
90ml fill, 12/pk.....U105
- 10 Tween® 80, 500ml polycarbonate bottle, 500ml fill,
10/pk.....U246
- 11 Tween® 80, 1L polycarbonate bottle, 1L fill,
10/pk.....U317

MacConkey Broth, USP

For the detection of gram-negative, lactose fermenting bacilli.

- 8 180ml polycarbonate wide mouth jar, 100ml fill,
12/pk.....U125

Phosphate Buffer, pH 7.2

For sample preparation.

- 10 500ml polycarbonate bottle, 500ml fill,
10/pk.....U438

Phosphate Buffer with Magnesium Chloride

For the preparation of dilutions.

- 11 1L polycarbonate bottle, 1L fill,
10/pk.....U217
- 10 500ml polycarbonate bottle, 500ml fill,
10/pk.....U193



Phosphate Buffer with Lecithin and Tween® 80, pH 7.2

For sample preparation.

- ⑩ 500ml polycarbonate bottle, 500ml fill,
10/pkU439

Potato Dextrose Agar, USP

For the cultivation of yeast and mold.

- ③ 250ml boston round glass bottle, 200ml fill,
12/pkU294
- ② 473ml boston round glass bottle, 400ml fill,
12/pkU394

Sabouraud Dextrose Agar

For the cultivation of yeast and mold.

- ⑩ 500ml polycarbonate bottle, USP, 200ml fill,
10/pkU270
- ② 473ml boston round glass bottle, USP, 200ml fill,
12/pkU227
- ② 473ml boston round glass bottle, 400ml fill,
12/pkU352
- ⑩ 500ml polycarbonate bottle, USP, 400ml fill,
SabDex, Emmons, 10/pkU356
- ⑩ 500ml polycarbonate bottle, USP, 500ml fill,
10/pkU353

Sabouraud Dextrose Broth, USP

For the cultivation of fungi.

- ⑫ 600ml polycarbonate wide mouth bottle with cap,
150ml fill, 10/pkU74

Sabouraud Dextrose Agar with Lecithin and Tween® 80

For the cultivation of fungi and the neutralization of disinfectants.

- ⑩ 500ml polycarbonate bottle, 400ml fill,
10/pkU175
- ② 473ml boston round glass bottle, 400ml fill,
12/pkU431

Thioglycollate with H and K (Hemin and Vitamin K), USP

For the cultivation of anaerobic bacteria.

- ④ 120ml boston round glass bottle, 100ml fill,
20/pkU43

Tryptone-Azolectin-Tween® (TAT) Broth

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

- ④ 120ml boston round glass bottle, 90ml fill,
20/pkU87
- ⑧ 180ml polycarbonate wide mouth jar, 99ml fill,
12/pkU88
- ⑪ 1L polycarbonate bottle, 490ml fill,
10/pkU318
- ⑪ 1L polycarbonate bottle, 1L fill,
10/pkU319





Tryptic Soy Agar, USP

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

- ⑤ 60ml boston round glass bottle, 25ml fill,
16/pk.....U386
- ③ 250ml boston round glass bottle, 150ml fill,
20/pk.....U49
- ③ 250ml boston round glass bottle, 200ml fill,
12/pk.....U260
- ② 473ml boston round glass bottle, 400ml fill,
12/pk.....U360
- ① 500ml heavy duty glass bottle, 500ml fill,
each.....U158
- ⑩ 500ml polycarbonate bottle, 500ml fill,
10/pk.....U361
- ⑪ 1L polycarbonate bottle, 700ml fill,
10/pk.....U60

Tryptic Soy Agar, 1.5X Strength

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

- ③ 250ml boston round glass bottle, 150ml fill,
20/pk.....U112

Tryptic Soy Agar with Lecithin and Tween® 80

For the cultivation and enumeration of microorganisms.

- ⑩ 500ml polycarbonate bottle, 400ml fill,
10/pk.....U174
- ② 473ml boston round glass bottle, 400ml fill,
12/pk.....U412

Tryptic Soy Broth with Lecithin and Tween® 20

For the cultivation of microorganisms.

- ⑧ 180ml polycarbonate wide mouth jar, 90ml fill,
12/pk.....U241
- ⑧ 180ml polycarbonate wide mouth jar, 100ml fill,
12/pk.....U261

Tryptic Soy Broth, USP

For sterility testing and the cultivation of microorganisms.

⑤ 60ml boston round glass bottle, 20ml fill, 16/pk	U52
⑤ 60ml boston round glass bottle, 50ml fill, 24/pk	U44
④ 120ml boston round glass bottle, 100ml fill, 20/pk	U42
⑧ 180ml polycarbonate wide mouth jar, 25ml fill, 12/pk	U223
⑧ 180ml polycarbonate wide mouth jar, 100ml fill, 12/pk	U71
⑧ 180ml polycarbonate wide mouth jar, USP, 180ml fill, 12/pk	U316
⑧ 180ml polycarbonate wide mouth jar, 90ml fill, 12/pk	U133
③ 250ml boston round glass bottle, 160ml fill, 12/pk	U171
③ 250ml boston round glass bottle, 200ml fill, 12/pk	U435
② 473ml boston round glass bottle, 400ml fill, 12/pk	U242
① 500ml heavy duty glass bottle, 500ml fill, Each	U62
⑪ 1L polycarbonate bottle, 1L fill, 10/pk	U67

Tryptic Soy Broth, Double Strength, USP

For the cultivation of microorganisms.

④ 120ml boston round glass bottle, 25ml fill, 12/pk	U225
⑧ 180ml polycarbonate wide mouth jar, 50ml fill, 12/pk	U205
③ 250ml boston round glass bottle, 100ml fill, 12/pk	U70
⑩ 500ml polycarbonate bottle, 150ml fill, 10/pk	U350

Tryptic Soy Broth with Lecithin and Tween® 80

For the cultivation of microorganisms.

⑧ 180ml polycarbonate wide mouth jar, 90ml fill, 12/pk	U134
⑩ 500ml polycarbonate bottle, 500ml fill, 10/pk	U229

Isopropyl Myristate

A sterile diluent for oils and oily solutions.

1 gal, each	PHR1123
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**Visit our
Website for
a Complete
Selection!**

*We manufacture over
4,200 products!*



Septum Bottle Size Comparison

Bottle Media with Septum

- A** 20ml glass bottle with flip seal
- B** 100ml glass bottle with flip seal
- C** 125ml polycarbonate bottle
- D** 200ml glass bottle with flip seal
- E** 16x125mm glass tube
- F** 600ml glass bottle
- G** 500ml polycarbonate bottle
- H** 1L polypropylene bottle
- I** New **medi-BAG™** Hanging Media Bag with needle port septum, call for details



Fluid A, USP

A rinsing and diluting fluid.

- B** 100ml glass bottle, 100ml fill, 20/pkU109
- D** 200ml glass bottle, 200ml fill, 10/pkU209
- G** 500ml polycarbonate bottle, 300ml fill, 10/pkU349
- F** 600ml glass bottle, 300ml fill, 10/pkU342
- F** 600ml glass bottle, 600ml fill, 10/pkU249

Fluid D, USP

A rinsing and diluting fluid.

- B** 100ml glass bottle, 100ml fill, 20/pkU110
- F** 600ml glass bottle, 300ml fill, 10/pkU346

Fluid K, USP

To ensure sterility of pharmaceuticals and medical devices.

- F** 600ml glass bottle, 300ml fill, 10/pkU348

Fluid Thioglycollate Broth with Indicator, USP

For the cultivation of microorganisms and USP sterility procedures.

- E** 16x125mm glass tube, 7ml fill, 20/pkK284
- E** 16x125mm glass tube, 10ml fill, 20/pkK282
- A** 20ml glass bottle, 10ml fill, 50/pkU6610
- A** 20ml glass bottle, 15ml fill, 50/pkU66
- A** 20ml glass bottle, 20ml fill 50/pkU68
- B** 100ml glass bottle, 50ml fill, 20/pkU269
- B** 100ml glass bottle, 100ml fill, 20/pkU84
- D** 200ml glass bottle, 150ml fill, 10/pkU207
- D** 200ml glass bottle, 150ml fill, 21/pkU426
- F** 600ml glass bottle, 300ml fill, 10/pkU427
- F** 600ml glass bottle, 500ml fill, 10/pkU273

Fluid Thioglycollate with Lecithin and Tween® 80

For use in detecting microorganisms in normally sterile materials.

- A** 20ml glass bottle, 10ml fill, 50/pkU429
- B** 100ml glass bottle, 100ml fill, 20/pkU219
- D** 200ml glass bottle, 150ml fill, 10/pkU430

Phosphate Buffered Saline with Tween (0.01M)

For use in the determination of total bioburden levels in unsterilized product.

- H** 1L polypropylene bottle, 300ml fill, 10/pkU323
- H** 1L polypropylene bottle, 600ml fill, 10/pkU326

Reinforced Clostridial Medium, USP

For the cultivation of *Clostridium* spp. and other anaerobic and facultative bacteria.

- C** 125ml polycarbonate bottle, 100ml fill, 16/pkU172

Tryptic Soy Broth, USP

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

- G** 16x125mm glass tube, 7ml fill, 20/pkK283
- G** 16x125mm glass tube, 10ml fill, 20/pkK82
- A** 20ml glass bottle, 10ml fill, 50/pkU8210
- A** 20ml glass bottle, 15ml fill, 50/pkU82
- A** 20ml glass bottle, 20ml fill, 50/pkU38
- B** 100ml glass bottle, 50ml fill, 20/pkU267
- B** 100ml glass bottle, 70ml fill, 20/pkU79
- B** 100ml glass bottle, 100ml fill, 20/pkU46
- B** 100ml glass bottle, unlabeled, 100ml fill, 20/pkU56
- D** 200ml glass bottle, 150ml fill, 10/pkU420
- C** 125ml polycarbonate bottle, 100ml fill, 16/pkU141
- F** 600ml glass bottle, 300ml fill, 10/pkU421
- F** 600ml glass bottle, 400ml fill, 12/pkU271
- F** 600ml glass bottle, 500ml fill, 10/pkU274

Tryptic Soy Broth with 10% Glycerol

For the preservation of microorganisms by freezing.

- B** 100ml glass bottle, 100ml fill, 20/pkU127

Tryptic Soy Broth with Lecithin and Tween® 20

For the cultivation of microorganisms.

- B** 100ml glass bottle, 100ml fill, 20/pkU53

Tryptic Soy Broth with Lecithin and Tween® 80

For the cultivation of microorganisms.

- A** 20ml glass bottle, 10ml fill, 50/pkU423
- D** 200ml glass bottle, 150ml fill, 10/pkU424
- F** 600ml glass bottle, 300ml fill, 10/pkU425

Sabouraud Dextrose Broth, USP

For the cultivation of fungi.

- C** 125ml polycarbonate bottle, 100ml fill, 16/pkU73

Saline, 0.85% with 0.05% Tween® 80

For preparing dilutions and suspensions of microorganisms.

- B** 100ml glass bottle, 100ml fill, 20/pkU330

Dehydrated Culture Media

Hardy Diagnostics' dehydrated culture media, CRITERION™, is formulated to meet or exceed the highest quality standards. Choose from 250 standard formulas or request custom blending to your specifications. The innovative packaging designs and overall reliability make CRITERION™ the logical choice for culture media in your laboratory.

- Wide mouth opening - reduces dust formation by allowing the use of a scoop.
- Convenient hand grip - 'no slip' finger holds.
- Stackable containers - for efficient storage.
- Increased solubility - dissolves quickly.
- Custom and bulk products available - to your specifications.
- Competitive pricing - call for a price quote for large volume purchases!
- Unparalleled performance - tested for optimal growth.



Test for Bile-Tolerant Gram Negative Bacteria

EE Broth, Mossel

For the selective enrichment and detection of *Enterobacteriaceae*.

Mylar® zip-bag, makes 2L, each	C8710
500gm wide-mouth bottle, each	C8711
2kg bucket, each	C8712
10kg bucket, each	C8713

Violet Red Bile Glucose Agar (VRBGA)

For the detection and enumeration of *Enterobacteriaceae*.

Mylar® zip-bag, makes 2L, each	C7270
500gm wide-mouth bottle, each	C7271
2kg bucket, each	C7272
10kg bucket, each	C7273

Test for *Escherichia coli*

MacConkey Broth

For cultivating gram-negative, lactose-fermenting bacilli as a presumptive test for coliforms.

Mylar® zip-bag, makes 2L, each	C6140
500gm wide-mouth bottle, each	C6141
2kg bucket, each	C6142
10kg bucket, each	C6143

MacConkey Agar

For use as a selective and differential medium for the isolation of gram-negative bacilli (including coliform organisms and enteric pathogens), on the basis of lactose fermentation.

Mylar® zip-bag, makes 2L, each	C6130
500gm wide-mouth bottle, each	C6131
2kg bucket, each	C6132
10kg bucket, each	C6133

Test for *Salmonella*

Rappaport Vassiliadis Salmonella Enrichment Broth

For the detection and isolation of motile *Salmonella* spp.

Mylar® zip-bag, makes 2L, each	C8780
500gm wide-mouth bottle, each	C8781
2kg bucket, each	C8782
10kg bucket, each	C8783



Xylose-Lysine-Deoxycholate Agar (XLD)

For use as a selective and differential medium for the isolation of gram-negative enteric pathogens such as *Salmonella* and *Shigella*.

Mylar® zip-bag, makes 2L, each	C7320
500gm wide-mouth bottle, each	C7321
2kg bucket, each	C7322
10kg bucket, each	C7323

Test for *Staphylococcus aureus*

Mannitol Salt Agar (MSA)

For use as a selective and differential medium for the isolation of pathogenic staphylococci.

Mylar® zip-bag, makes 2L, each	C6230
500gm wide-mouth bottle, each	C6231
2kg bucket, each	C6232
10kg bucket, each	C6233

Test for Clostridia

Reinforced Clostridial Medium

For the cultivation and enumeration of *Clostridium* spp. and other anaerobic and facultative bacteria.

Mylar® zip-bag, makes 2L, each	C8720
500gm wide-mouth bottle, each	C8721
2kg bucket, each	C8722
10kg bucket, each	C8723

Columbia Agar

For cultivating fastidious and non-fastidious microorganisms with or without the addition of blood.

Mylar® zip-bag, makes 2L, each	C5450
500gm wide-mouth bottle, each	C5451
2kg bucket, each	C5452
10kg bucket, each	C5453

Test for *Candida albicans*

Sabouraud Dextrose (SabDex) Agar

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

Mylar® zip-bag, makes 2L, each	C6810
500gm wide-mouth bottle, each	C6811
2kg bucket, each	C6812
10kg bucket, each	C6813

Sabouraud Dextrose (SabDex) Broth

For the cultivation and maintenance of nonpathogenic and pathogenic fungi.

Mylar® zip-bag, makes 2L, each	C7560
500gm wide-mouth bottle, each	C7561
2kg bucket, each	C7562
10kg bucket, each	C7563

Potato Dextrose Agar

For the cultivation and identification of fungi.

Mylar® zip-bag, makes 2L, each	C6620
500gm wide-mouth bottle, each	C6621
2kg bucket, each	C6622
10kg bucket, each	C6623

Microbial Enumeration Tests

Sabouraud Dextrose (SabDex) Agar

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

Mylar® zip-bag, makes 2L, each	C6810
500gm wide-mouth bottle, each	C6811
2kg bucket, each	C6812
10kg bucket, each	C6813

Tryptic Soy Agar (TSA)

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

Mylar® zip-bag, makes 2L, each	C7120
500gm wide-mouth bottle, each	C7121
2kg bucket, each	C7122
10kg bucket, each	C7123

Tryptic Soy Broth (TSB)

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

Mylar® zip-bag, makes 2L, each	C7140
500gm wide-mouth bottle, each	C7141
2kg bucket, each	C7142
10kg bucket, each	C7143

Buffers and Solutions

Phosphate Buffer, pH 7.2

Used as a buffering agent in the preparation of culture media.

500gm wide-mouth bottle, each	C8331
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Fluid Thioglycollate Media

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

Mylar® zip-bag, makes 2L, each	C7500
500gm wide-mouth bottle, each	C7501
2kg bucket, each	C7502
10kg bucket, each	C7503

Contact Plates

Non-irradiated

Baird-Parker Agar

For the selective isolation and enumeration of coagulase positive *Staphylococcus aureus* from environmental surfaces.

15x60mm contact plate, 10/pk..... P16

D/E Neutralizing Agar

Neutralizes chemical disinfectants allowing for the detection of microorganisms from environmental surfaces.

15x60mm contact plate, 10/pk P99

Eosin Methylene Blue (EMB) Agar

For isolation and differentiation of gram-negative bacilli, including coliforms, from environmental surfaces.

15x60mm contact plate, 10/pk..... P09

MacConkey Agar

For isolation and differentiation of gram-negative bacteria.

15x60mm contact plate, 10/pk..... P47

Malt Extract Agar

For the cultivation of fungi from environmental surfaces.

With Lecithin and Tween, 15x60mm contact plate, 10/pk P93

With chloramphenicol, 15x60mm contact plate, 10/pk..... P80

Mannitol Salt Agar (MSA)

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

15x60mm contact plate, 10/pk..... P98

R2A Agar

For enumeration of heterotrophic bacteria from environmental surfaces.

15x60mm contact plate, 10/pk..... P32

Rose Bengal Agar with Chloramphenicol

For the selective isolation and enumeration of fungi from environmental surfaces.

15x60mm contact plate, 10/pk..... P42

Sabouraud Dextrose Agar (SabDex)

For the isolation and enumeration of fungi from environmental surfaces.

15x60mm contact plate, 10/pk..... P36

Sabouraud Dextrose Agar (SabDex) with Lecithin and Tween® 80

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

15x60mm contact plate, 10/pk..... P46

Standard Methods Agar with Lecithin and Tween® 80

For the enumeration of aerobic bacteria from environmental surfaces.

15x60mm contact plate, 10/pk..... P51

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

For the general cultivation of microorganisms from environmental surfaces.

15x60mm contact plate, 12ml fill, 10/pk P34

15x60mm contact plate, 15ml fill, 10/pk P45

15x100mm contact plate, 27ml fill, 10/pk..... W41

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

With



Friction Lid



Contact Plates

Irradiated for Cleanroom Quality Assurance

Features and Benefits

- **Tap Tight™ Friction Lids** - Simply tap the contact plate lid close. No twisting required.
- **Molded Gridlines** - Each plate has a bottom grid to aid in counting microorganisms.
- **Sterile by Irradiation** - Validated for a Sterility Assurance Level (SAL) of 10^{-6} .
- **Triple Bagged** - Two nylon inner bags with twist ties. One outer heat sealed bag.
- **Hydrogen Peroxide Vapor (HPV) Barrier** - Impermeable outer bag for use with HPV systems.
- **Tear Notch on Outer Bag** - For easy opening. No scissors required.
- **Certificates of Analysis** - Available at the Hardy Diagnostics website 24/7.
- **Certified to ISO 13485** - Manufactured in a licensed cGMP facility with the quality management system certified to ISO 13485.
- **Long Shelf Life** - 180 day shelf life from the date of manufacture.*
- **Room temperature storage** - Frees up refrigerator space for other uses.*

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

Triple bagged, 15x60mm, 10/pkP740

Sabouraud Dextrose Agar with Lecithin and Tween® 80

Triple bagged, 15x60mm, 10/pkP750

D/E Neutralizing Agar*

Triple bagged, 15x60mm, 10/pkP130



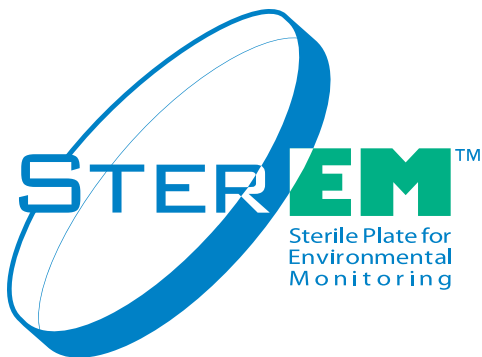
With
**Tap
Tight™**
Contact Plates
Friction Lid



Tap Tight™ Irradiated Contact Plates are available exclusively through



**Exception: D/E Neutralizing Agar has a shorter shelf life and is stored in the refrigerator.*



Sterile Environmental Monitoring Plates

Features and Benefits

- **Sterile by Irradiation** - Validated for a Sterility Assurance Level (SAL) of 10^{-5} .
- **Certificates of Analysis** - Available at the Hardy Diagnostics website 24/7.
- **Certified to ISO 13485** - Manufactured in a licensed cGMP facility with the quality management system certified to ISO 13485.

Tryptic Soy Agar, Irradiated, Triple Bagged

For the cultivation of microorganisms.

15x100mm plate, 26ml fill, 10/pk.....	G1670
15x100mm plate, 32ml deep fill, 10/pk.....	W3670
15x150mm plate, (minimum order is 60 plates) 3/pk	H64

Tryptic Soy Agar with Lecithin and Tween® 80, USP, Irradiated, Double Bagged

For the cultivation of microorganisms.

15x100mm plate, 26ml fill, 10/pk.....	G253
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Sabouraud Dextrose Agar with Lecithin and Tween® 80, Irradiated, Triple Bagged

For the detection and enumeration of fungi.

15x100mm plate, 26ml fill, 10/pk	W257
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Sabouraud Dextrose Agar, Irradiated, Triple Bagged

For the detection and enumeration of fungi.

15x100mm plate, USP, 26ml fill, 10/pk	W1770
15x150mm plate, (minimum order is 60 plates) 3/pk	H65

R2A Agar, Irradiated

For the detection of heterotrophic bacteria in water.

15x100mm plate, 26ml fill, triple bagged, 10/pk	W3540
15x100mm plate, 26ml fill, double bagged, 10/pk	W1540



Impact Air Sampling

Spin Air Sampler

This innovative microbiological air sampler pulls air in a controlled fashion against the spinning agar plate.

- A unique rotating plate holder for even surface spread of microorganisms, for improved accuracy.
- Bar code connectivity.
- Sampling by volume (not timed) for higher accuracy and reproducibility.
- Utilizes standard 60mm or 100mm agar plates.
- Rechargeable battery pack, for up to eight hours of operation.
- Delayed activation mode to avoid collector contamination.
- Optional duplicate simultaneous sampling with a low cost slave unit.

Each.....5500



AirPort MD8 Portable Air Sampler

The AirPort MD8 utilizes the gelatin membrane filter method for collecting airborne microorganisms and boasts a 99.9% retention rate compared with 40%-60% for other collection methods.

- Battery operated and portable.
- Ergonomically designed.
- Easy to clean.
- User friendly and multilingual: English, French, German and Spanish.
- Adjustable air throughput and air flow rate.
- Parameters last used are stored even after automatic shut-off.
- Can be calibrated on-site.

Each.....16757

Gelatin Membrane Filter Units

For collection of airborne microbes and viruses.

- For use with the AirPort MD8 Air Sampler.
- Sample up to 8 hours.
- After sampling, aseptically transfer the membrane to a sterile Tryptic Soy Agar plate (Cat. no. W367)
- Sterile and individually packed.

Single bagged, 10/pk 1752880ACD

Triple bagged, 10/pk..... 1752880BZD



Sterility Testing

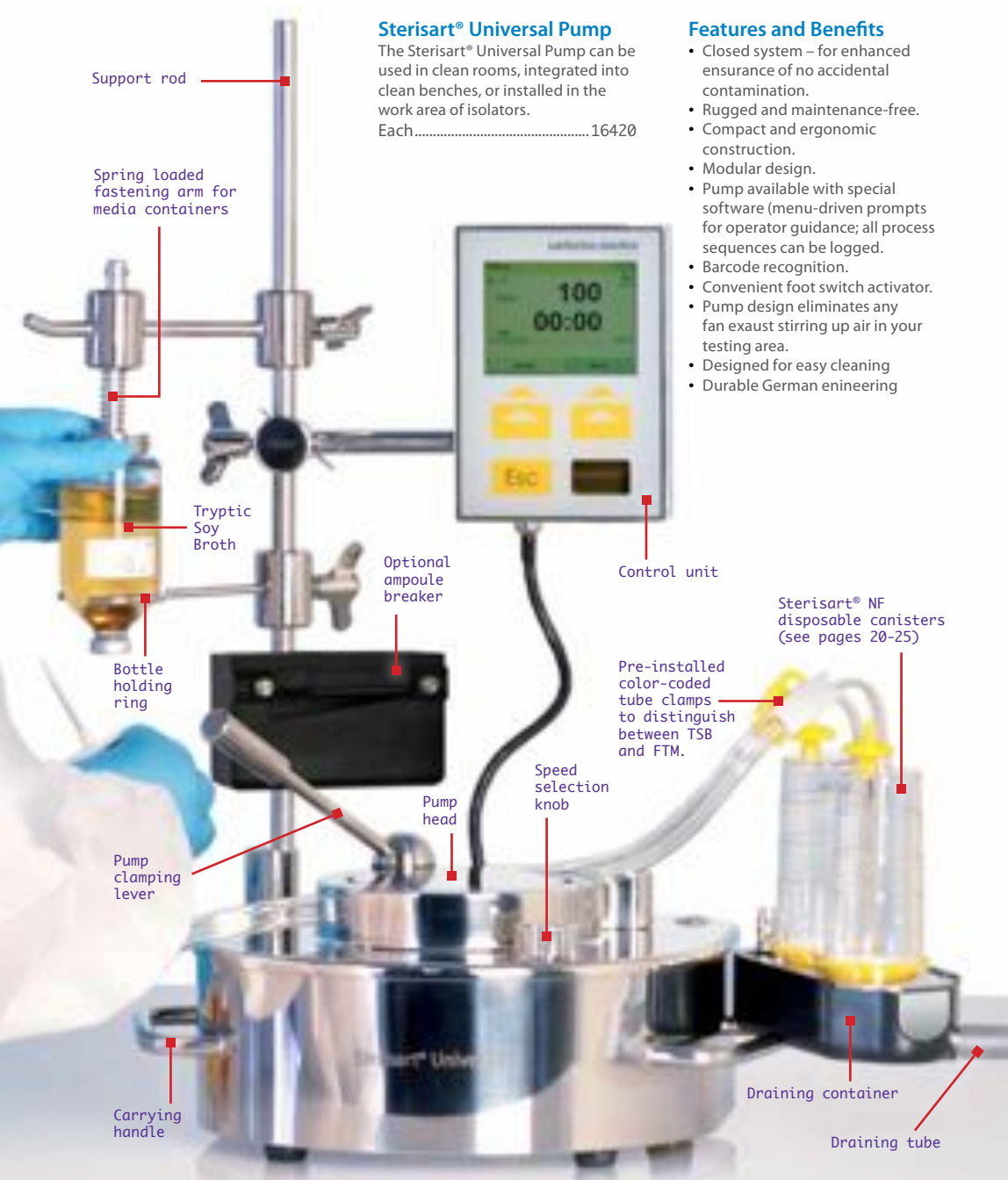
Sterisart® Universal Pump Sterility Testing System

International pharmacopeia require the complete sterility of pharmaceutical products, such as parenterals, that are injected into the blood stream or that otherwise enter the body below the skin surface.

The preferred method for sterility testing is the membrane filter method using a closed sterility test system. The Sterisart® Universal Pump is a peristaltic pump made of stainless steel, and is equipped with appropriate features for attaching a Sterisart® sterility test canister.

After the Sterisart® canisters have been positioned and the sterility test system spike has been inserted into the sample container, the pump is started. The pump draws liquid from the sample container into the specially designed double tubing, distributing the liquid equally to both Sterisart® canisters. Similarly, the pump then flushes the Sterisart® canisters with rinse liquid such as Fluid A (Cat. no. U109). Finally, the pump fills the two Sterisart® canisters with culture media, such as Tryptic Soy Broth 100ml (Cat. no. U46), or Fluid Thioglycollate Medium 100ml (Cat. no. U84). The Sterisart® canisters are then sealed incubated.





Sterisart® Universal Pump

The Sterisart® Universal Pump can be used in clean rooms, integrated into clean benches, or installed in the work area of isolators.
Each..... 16420

Features and Benefits

- Closed system – for enhanced ensurance of no accidental contamination.
- Rugged and maintenance-free.
- Compact and ergonomic construction.
- Modular design.
- Pump available with special software (menu-driven prompts for operator guidance; all process sequences can be logged).
- Barcode recognition.
- Convenient foot switch activator.
- Pump design eliminates any fan exhaust stirring up air in your testing area.
- Designed for easy cleaning
- Durable German engineering

Sterisart® NF Canisters for Sterility Testing

Disposable Sample Canisters and Adapters for use with Sterisart® Universal Pump

For sterility testing in isolators. Individually sterile, double-packaged, gamma irradiated, needles made of stainless steel.



Sterisart® NF Canisters can be ordered with or without a needle port septum for sub-culturing of positive results.



Pre-installed color-coded tube clamps to distinguish between TSB and FTM.



VHP resistant packaging.



Stainless steel septum needle. Other attachments are available.



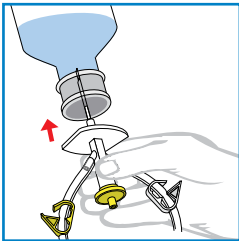
Disposable Sample Canisters and Adapter descriptions on pages 21-25

Sterisart® NF Canisters are available with a variety of needles, depending on your sample type!

Sterisart® NF Canister for Closed Sample Containers with Septum

The 16466 is equipped with a stainless steel dual-needle spike (built in venting), which is designed for closed sample containers. The flammable spike allows changing sample containers, while minimizing the risk of contamination. Unlike plastic needles, metal needles do not snap off when tilted under pressure. Additionally, the large protective plate on the spike makes it easy to pierce the stoppers. The plate construction also helps prevent injury to fingers. The 4cm length dual-needle allows the spike to be used for a variety of closures.

Application: LVPs* in closed glass containers with septum.
 10/pk16466GBD
 10/pk (septum version)16466GSD

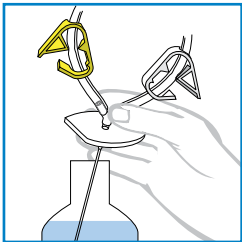


Sterisart® NF Canister for Open Containers

The 16467 is designed for use with open containers, such as ampoules or collapsible plastic bags that do not require venting when samples are removed. The thickness and length of the individual needle enables samples to be drawn evenly from exceptionally small ampoules with narrow openings. In addition, the length of the needle makes it easy to remove samples from plastic bags without piercing the bag itself. The stainless steel needle can be briefly flamed, minimizing the risk of contamination when changing sample containers.

Application: LVPs* or SVPs** in open containers, i.e. glass ampoules, glass vials, collapsible bags.
 10/pk16467GBD
 10/pk (septum version)16467GSD

*Large Volume Parenterals
 ** Small Volume Parenterals

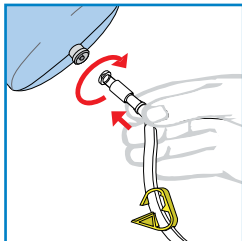


Sterisart® NF Canister for Collapsible Medical Devices with Luer or Luer Lock Connectors

The 16468 is equipped with a male luer connector onto which a detachable double female luer lock adapter is fitted. With this system, it is possible to draw samples from collapsible medical devices/bags fitted with either female luer lock or male luer lock connectors. After the sample is removed from the collapsible bag, the double luer lock adapter is disconnected and replaced by the supplied 6cm needle for drawing rinsing solution and culture media, a venting needle is included.

Application: Medical devices, i.e. tubing systems and bags with luer or luer lock connectors.

10/pk16468GBD



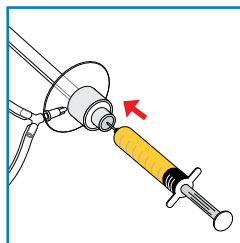
Sterisart® NF Canister for Pre-filled Syringes

The 16469 is designed for sterility testing liquids in pre-filled syringes of various sizes (versions with and without needles). The system allows the exterior of needles attached to syringes to be sterility tested. The special retainer on the double tubing system is used as an adapter for attaching pre-filled syringes. The contents of these syringes are drained into the Sterisart® system and simultaneously mixed with rinsing solution drawn through a dual-needle metal spike. The mixed liquid is pumped in equal volumes into the two Sterisart® containers and filtered.

Application: Pre-filled syringes with or without needles.

10/pk16469GBD

10/pk (septum version)16469GSD



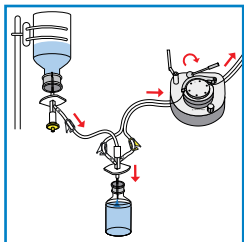
Sterisart® NF Canister for Easy-To-Dissolve Powders in Closed Glass Vials with Septum

The 16475 is designed for sterility testing easy-to-dissolve powders (e.g. lyophilized antibiotics in powder form). A dual-needle metal spike with a vent filter is used to remove dilution solution from closed vials. A shorter dual-needle metal spike is used to add dilution solution and to dissolve the powder in the sample container (e.g. lyophilized antibiotic powder).

Application: Soluble powders, lyophilisates, and liquid antibiotics in closed glass vials with septum.

10/pk16475GBD

10/pk (septum version)16475GSD



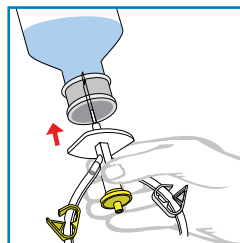
Sterisart® NF Canister for Closed, Unvented Sample Containers

The 16476 is designed for sterility testing of closed, unvented sample containers. The 2.4cm long double-metal needle (built in venting) considerably reduces the dead volume, which can remain in the sample container during sampling. The resulting sample is pumped in equal volumes into the two Sterisart® containers and filtered. Unlike plastic needles, metal needles do not snap off when tilted under pressure. This benefit together with the large protective plate on the spike makes for easy stopper piercing and helps prevent injury to fingers by preventing breakage or slippage.

Application: SVPs** in closed glass vials with septum.

10/pk16476GBD

10/pk (septum version)16476GSD

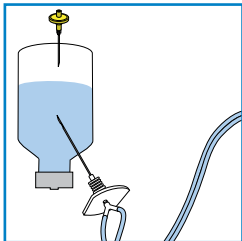


** Small Volume Parenterals

Sterisart® NF Canister for Plastic Containers

The 16477 is designed for sterility testing of liquids in plastic containers. The unvented, non-coring needle with solid pointed tip and side opening minimizes clogging by particles when piercing the plastic container. The sample is pumped in equal volumes into the two Sterisart® containers and filtered. The enclosed venting needle guarantees venting of the container during sample transfers, rinsing procedures, and media transfers.

Application: LVPs*, SVPs**, and eye drops in closed plastic containers/vials, ampoules, or blow-fill-seal packs.
10/pk.....16477GBD



*Large Volume Parenterals
**Small Volume Parenterals

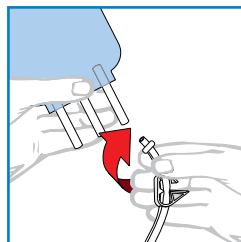


Sterisart® NF Canister for Containers with Male Luer Lock Connectors

The 16478 is equipped with a dual-needle metal spike with a vent filter connected to the Sterisart® NF system by a single hose and Y-distributor. A second shorter hose is attached to the other end of the Y-distributor fitted with a female luer lock connector. Using this connector, it is possible to draw samples from collapsible medical devices like bags fitted with male luer lock connectors. The dual-needle metal spike with vent filter is used to transfer rinsing solutions and/or nutrient media from closed vials.

Application: Medical devices, i.e. containers/bags with male luer lock connectors.

10/pk.....16478GBD



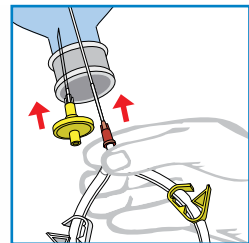
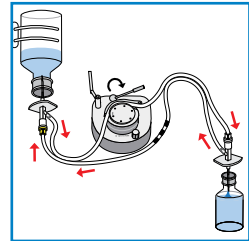


Sterisart® NF Gamma Tubing System

The 16470 is designed for dissolving and diluting powders with exceptionally low solubility. When used in combination with Sterisart® systems 16466 and 16467, the 16470 allows sterility testing of these powders in closed, unvented vials. The tubing system consists of a 3.6cm dual-needle metal spike (yellow color-coded) and a 2.3cm metal dual-needle spike, which are connected with each other by double tubing. Half the length of the double tubing is separated into single tubes identified by plastic ring sheaths.

Application: Difficult-to-dissolve powders in closed glass vials with septum (non- expanded).

10/pk16470GBD



Sterisart® NF Venting Needle

4cm, stainless steel, gamma irradiated.

Application: Sterile venting of containers with rinsing solution and nutrient media (TSB, FTM).

50/pk16596HNK

Combisart® Filter Station

Membrane Filtration Manifolds

Vented, Individual and Multi-Branch Systems

The 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 most types of filter holders and funnels.

Biosart® 250ml Funnel
(autoclavable),
Cat. no. 1640725ACK

100ml Stainless Steel Funnel Lid,
Cat. no. 6981063

100ml Stainless
Steel Funnel
with Closure
Clamp, Cat. no.
6981065

Minisart® Sterile
Air Filter,
Cat. no. 17575ACK

Universal Base with
50mm Frit,
Cat. no. 1ZU0002

Open/Close
Valve Lever

Description	Cat. no.
1-branch manifold	16844
Combi.jet™ 2-branch manifold	16848CJ
3-branch manifold	16842
6-branch manifold	16843



1-branch manifold



2-branch manifold



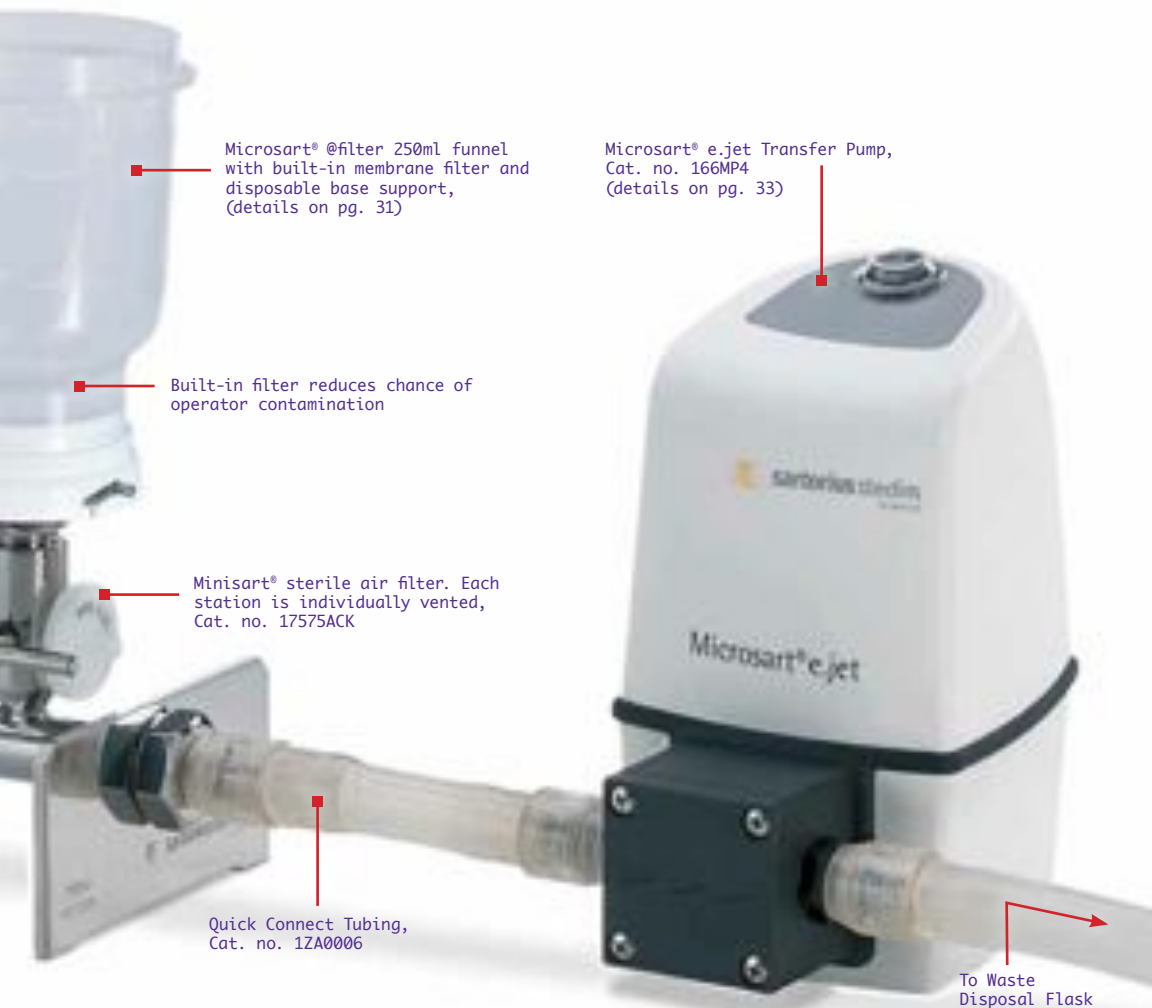
3-branch manifold



6-branch manifold

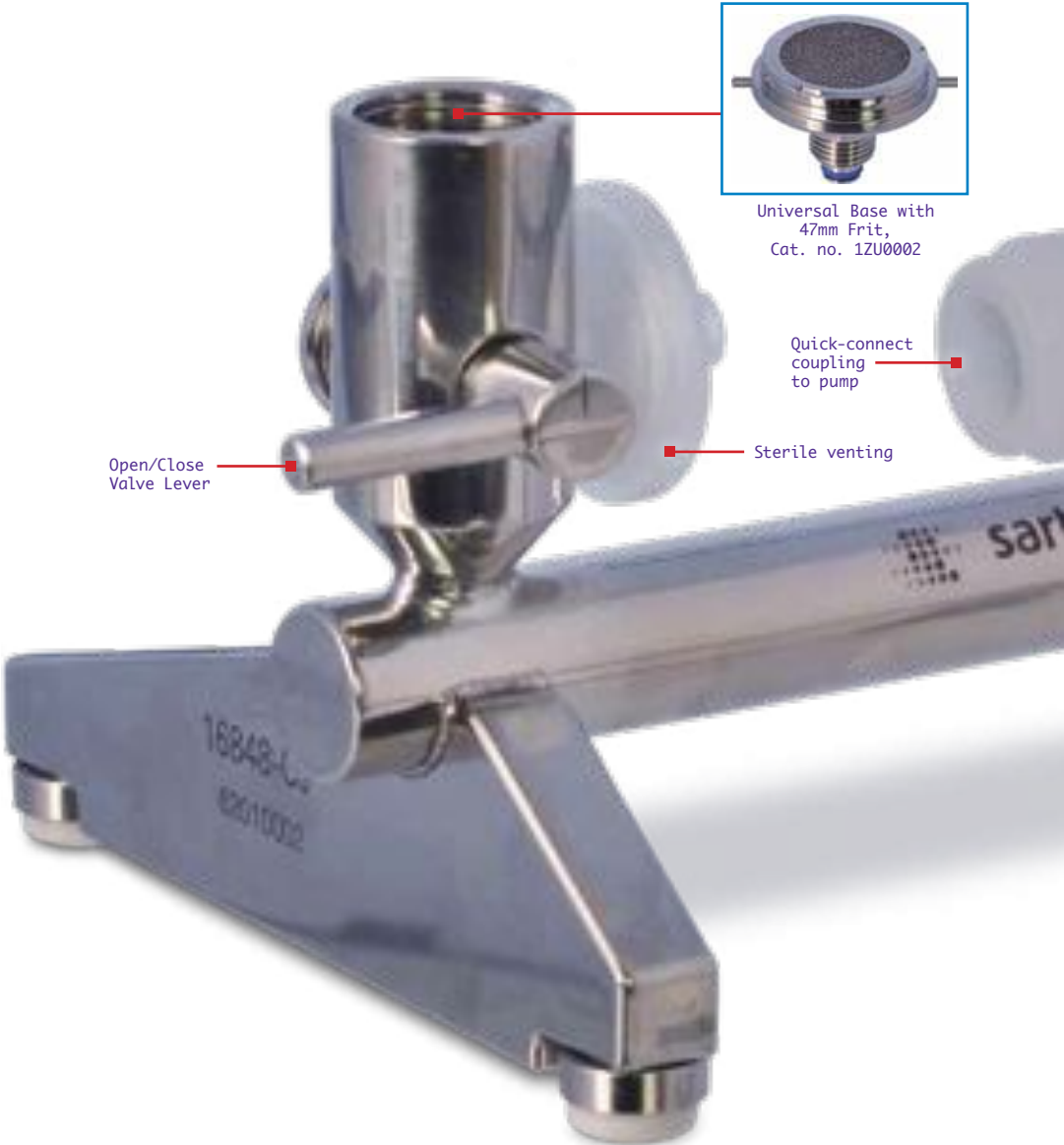
Features and Benefits

- Each filter station can be individually vented, ruling out secondary contamination of the underside of the filter.
- Easy for left or right-handed users, because funnels can be positioned to suit the individual user.
- Switch from reusable filter holders to disposable units without requiring new equipment.
- Base can be easily unscrewed exposing all areas of the manifold to sterilization.



Microsart® Combi.jet 2-Branch Manifold

Combi.jet is a 2-branch stainless steel manifold for microbiological analysis. This manifold is specifically designed for use with the Microsart® e.jet pump. It can easily be connected and disassembled by the innovative quick connection coupling and nipples. Compact in size, Combi.jet is perfect for small, clean bench work stations. Combi.jet requires two stainless steel universal bases, Cat. no. 1ZU0002, to attach different funnel systems. Each





e.jet Transfer Pump



Features and Benefits

- Compact design, small footprint, ideal for pharmaceutical applications.
- Sterile venting with two stainless steel three-way valves.
- Vacuum can be individually controlled for each filter holder.
- Each filter station can be vented separately.
- Easy to clean and sanitize.
- Smooth and reliable filtration functionality.
- No need for suction flasks or water traps.
- Made of high quality stainless steel.
- Accommodates various funnel types.

Combisart® Stainless Steel Reusable Funnels

For use with Combisart® Filter Station Manifolds



Stainless Steel Lid for 100ml Funnel

Each6981063



Stainless Steel Lid for 500ml Funnel

Each6981001



Lid Seal for 100ml Stainless Steel Funnel

Each6981064



Lid Seal for 500ml Stainless Steel Funnel

Each6981003



100ml Stainless Steel Funnel with Closure Clamp

Each6981065



500ml Stainless Steel Funnel with Closure Clamp

Each6981002

Microsart® @ Disposable Funnel System

For use with Combisart® Filter Station Manifolds

The Microsart® @filter System combines a sterile, ready-to-use funnel and a built-in gridded membrane filter in one unit. The optimized design of Microsart® @filter permits thorough rinsing of the system subsequent to filtration with no liquid retained in the filter funnel. Specifically developed for the detection and enumeration of microorganisms from pharmaceutical products.

Features and Benefits

- Ready-to-use.
- Sterile packed in bags.
- **Built-in membrane filter reduces accidental contamination.**
- Funnel and a gridded membrane filter in one unit.
- Marked graduations allow accurate sample volumes.
- Funnel made of polypropylene.

100ml volume, 47mm filter diameter, 0.45µm pore size, filter color: white with black grid.

60/pk..... 16D0110H6BL

100ml volume, 47mm filter diameter, 0.45µm pore size, filter color: green with dark green grid.

60/pk..... 16D021006BL

250ml volume, 47mm filter diameter, 0.45µm pore size, filter color: white with black grid.

60/pk..... 16D0125H6BK

250ml volume, 47mm filter diameter, 0.45µm pore size, filter color: green with dark green grid.

60/pk..... 16D022506BK

Lid for Microsart® Funnels

For use with Microsart® and Microsart® @ 100ml and 250ml funnels.

100/bx 1ZSFK0007



Microsart® Funnel Dispenser

For reliable removal of sterile Microsart® and Microsart® @ 100ml and 250ml funnels.

Each..... 16A08

Microsart® Disposable Funnels

For use with Combisart® Filter Station Manifolds

Microsart® Funnels are sterile plastic funnels that allow quick performance of filtrations required for routine testing.

Features and Benefits

- Reliable results – use a new, sterile funnel for each test avoiding possible cross contamination.
- Time-saving – just change the funnel, rather than spending time sanitizing it.
- Simple handling – no more holding hot funnels.
- Sterile-packed.
- Funnel made of polypropylene.
- Packaged in sleeves.

100ml volume, 100/pk16A0710N

250ml volume, 96/pk.....16A0725N

Lid for Microsart® Funnels

For use with Microsart® and Microsart® @ Funnel/Filter
100ml and 250ml.

100/bx 1ZSFK0007



250ml



100ml



Microsart® Funnel Dispenser

For reliable removal of sterile
Microsart® and Microsart® @
100ml and 250ml funnels.

Each..... 16A08



Microsart® e.jet Transfer Pump with Quick Connection

The Microsart® e.jet is a laboratory vacuum pump able to create sufficient vacuum filtration for transferring the filtered liquid directly to waste. This second generation of Microsart® e.jet achieves a better trans-membrane pressure and a higher flow rate. Provides constant flow rates and smooth and reliable filtration.

Microsart® e.jet Pump..... 166MP4

Quick Connect Silicone Tubing
for connecting manifold
with e.jet pump.....

1ZA0006



**Quick Connect
Silicone Tubing**
for connecting e.jet pump
with receptacle flask.....

1ZAS0007



Enough suction for 1-3 stage manifolds only. Call (800) 266-2222 for a selection of more powerful pumps.

250ml Glass Receptacle Flask Heavy wall, graduated

Flask features heavy-duty rim to reduce chipping, white, permanent graduations, and large marking squares. Made from high-quality borosilicate. Borosilicate glass provides uniform wall thickness resulting in the optimum balance between thermal shock resistance and mechanical strength.

- Capacity - 250ml
- Graduation Range - 75 to 250ml
- Graduation Interval - 25ml
- Approximate Height - 86 x 160mm

6/pk 20074250

Gridded Membrane Filters

Cellulose nitrate (cellulose ester) membrane filters are offered in a choice of four different color/grid combinations 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 3.1mm x 3.1mm. 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 0.45µm membrane filter with ISO 7704. The special pore structure of the new 0.45µm high-flow membrane filters allow shorter filtration times due to higher flow rates and throughputs.

Cellulose Nitrate (CN) Membrane Filter

Individually wrapped on single sheet, sterile packed, 47mm

Filter Color / Grid	Pore Size	Pack Size	Cat. no.
White/black	0.45µm	100	1140647ACN
White/black	0.45µm High-Flow	100	114H647ACN
Gray/white	0.45µm	100	1300647ACN
Green/dark green	0.45µm	100	1380647ACN
White/green	0.45µm	100	1390647ACN
White/green	0.45µm High-Flow	100	139H647ACN

Membrane
turns
black
when wet.

Microsart® e.motion Membrane Filters

- For use with Microsart® e.motion, motion activated filter dispenser.
- Filters are individually sterile-sealed on a band.
- Special pleating and shape of sealing band around membrane filters ensures perfectly flat and uniform dispensing of individual filters.

Individually wrapped on pleated rolls, sterile packed, 47mm

Filter Color / Grid	Pore Size	Pack Size	Cat. no.
White/black	0.45µm	300	11406Z47SCM
White/black	0.45µm High-Flow	300	114H6Z47SCM
White/black	0.45µm High-Flow	450	114H6Z47SFM
Gray/white	0.45µm	300	13006Z47SCM
Green/dark green	0.45µm	300	13806Z47SCM
White/green	0.45µm	300	13906Z47SCM
White/green	0.45µm High-Flow	300	139H6Z47SCM

e.motion
motion activated
filter dispenser

Individually wrapped filters

Sterility Testing Accessories



Microsart™ e.motion Membrane Filter Dispenser

The membrane filters are automatically released from their sterile packaging at the touch of a button or hands-free when the optical sensor detects approaching tweezers.

Features and Benefits

- Sprocket feed roll technology for reliable filter dispensing.
- Specially developed controller prevents dispensing several filters at a time.
- Compact design allows quick and easy cleaning.
- Easy insertion of the filter roll.
- Light weight.
- Optional pedal switch.

Microsart™ e.motion Dispenser	16712
Pedal Switch.....	1ZE0028

LabFlame IR Loop Sterilizer, Bunsen Burner

LabFlame IR is optimized for use in microbiology laboratories.

- Rapid and precise ignition.
- One piece stainless steel housing, free of gaps or rims, easy to clean, fully UV resistant.
- Optimized air-flow system provides a uniform and constant flame, even in safety cabinets with horizontal or vertical air flow.
- Connectable to any kind of gas source.
- Automatically cuts gas supply after every flame extinguish and checks burner temperature.
- Hands-free operation with foot-switch or touch-free IR-sensor ignition.

Each.....	LF8000000
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Tweezers, Stainless Steel

Membrane filters should only be handled with suitable tweezers in order to avoid contamination which can result from hand contact.

- Stainless steel tweezers can be flamed and are autoclavable.
- Blunt-edged tips for a careful, firm hold of the membrane filter.

Each.....	16625
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60mm Agar Plates for Membrane Filtration and Mycoplasma Culturing

A8 Agar

For the selective isolation of *Mycoplasma hominis* and *Ureaplasma urealyticum*.

10/pk G02

Corn Meal Agar with Tween®

For the cultivation of fungi. Induces chlamyospore formation by *Candida* spp.

10/pk G101

m-PA Agar

For the cultivation and enumeration of *Pseudomonas aeruginosa* in water.

10/pk G133

m-PA-C Agar

For the selective recovery and enumeration of *Pseudomonas aeruginosa* in water.

10/pk G150

Nutrient Agar with MUG

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

10/pk G114

PPLO Selective Agar

For the selective isolation of pleuropneumonia-like organisms, especially *Mycoplasma pneumoniae*.

10/pk G04

PPLO Selective Agar, TAAP

PPLO Selective Agar plus thallium acetate, amphotericin B, and penicillin G to prevent bacterial overgrowth.

10/pk G248

Pseudomonas Isolation Agar

For the selective isolation of *Pseudomonas aeruginosa*.

10/pk G145

R2A Agar

For the detection of heterotrophic bacteria in water.

10/pk G03

Sabdex Agar with Gentamicin and Chloramphenicol

For the selective cultivation of fungi and dermatophytes.

10/pk G159

Skim Milk Agar

For the cultivation and differentiation of microorganisms based on proteolytic activity.

10/pk G138

SP4 Agar with Arginine

For the selective cultivation and differentiation of *Mycoplasma* species based on the ability to utilize arginine.

10/pk G32

SP4 Agar with Glucose

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

10/pk G21

Tryptic Soy Agar

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

10/pk G151

XLT-4 Agar

For the selective isolation of non-typhi

Salmonella spp.

10/pk G277

Growth Promotion Testing

Accuracy and traceability have never been easier or more affordable.



accu shot™
GROWTH PROMOTION TESTING

Select

EZ-Accu Shot™

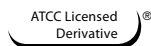
EZ-Accu Shot™ *Select* includes five compendial microorganism strains for Growth Promotion Testing in one convenient package. EZ-Accu Shot™ *Select* lyophilized microorganism preparations are designed to deliver less than 100 CFU per 0.1ml of hydrated suspension as recommended by the USP/JP/Ph. Eur. With little to no preparation time required and up to eight hours of stability, EZ-Accu Shot™ *Select* adds efficiency and flexibility to QC laboratories. Each 1.2ml vial of hydrated suspension offers 10 inocula. For added convenience, individual peel-off informational labels are included for each strain.

EZ-Accu Shot™ *Select* kit includes:

- 5 compendial microorganism strains:
Aspergillus brasiliensis ATCC® 16404™ *
Bacillus subtilis ssp. *spizizenii* ATCC® 6633™ *
Candida albicans ATCC® 10231™ *
Pseudomonas aeruginosa ATCC® 9027™ *
Staphylococcus aureus ATCC® 6538™ *
- 1 vial of each microorganism (1 lyophilized pellet per vial).
- 5 vials of hydrating fluid (1.2ml in each vial).
- 5 peel-off labels, one for each strain.

Each/kit8172

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Buy EZ-Accu Shot™ organisms individually

<i>Aspergillus brasiliensis</i> ATCC® 16404™ *	0392A
<i>Bacillus cereus</i> ATCC® 10876™ *	0998A
<i>Bacillus subtilis</i> ssp. <i>spizizenii</i> ATCC® 6633™ *	0486A
<i>Candida albicans</i> ATCC® 10231™ *	0443A
<i>Clostridium sporogenes</i> ATCC® 11437™ *	0487A
<i>Clostridium sporogenes</i> ATCC® 19404™ *	0317A
<i>Enterococcus faecalis</i> ATCC® 29212™ *	0366A
<i>Escherichia coli</i> ATCC® 8739™ *	0483A
<i>Pseudomonas aeruginosa</i> ATCC® 9027™ *	0484A
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar	
<i>Typhimurium</i> ATCC® 13311™ *	0421A
<i>Salmonella enterica</i> subsp. <i>enterica</i> NCTC 6017	0890A
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar	
<i>Typhimurium</i> ATCC® 14028™ *	0363A
<i>Staphylococcus aureus</i> ATCC® 6538™ *	0485A



A Culture of Service™

EZ-PEC™

For Antimicrobial Effectiveness and Preservative Efficacy Testing

Antimicrobial Effectiveness and Preservative Efficacy Testing are a critical element to the development of safe and effective Cosmetic and Pharmaceutical products. Ready-to-use EZ-PEC™ quantitative microorganism preparations are designed to provide the required microorganism challenge concentrations for Antimicrobial Effectiveness Tests and Preservative Efficacy Tests. When processed as directed, EZ-PEC™ delivers a final concentration of 1.0×10^5 to 1.0×10^6 CFU per ml of the product being tested. For added convenience, a peel-off Certificate of Assay is included for quality control documentation.

Features and Benefits:

- More cost-effective than similar products
- Highly characterized, licensed, and traceable strains
- Kit contains microorganisms and hydrating fluid
- Peel-off Certificate of Assay label
- Online Certificate of Analysis
- Online Statistical Analysis Certificate
- Product Warranty

EZ-PEC™ kit includes:

- 20 lyophilized pellets of a single enumerated strain
- 10 vials of hydrating fluid (2 ml in each vial)
- Peel-Off Certificate of Assay

<i>Bacillus subtilis</i> subsp. <i>spizizenii</i> ATCC® 6633™*	.... 0486PEC
<i>Candida albicans</i> ATCC® 10231™*	..... 0443PEC
<i>Escherichia coli</i> ATCC® 8739™*	..... 0483PEC
<i>Escherichia coli</i> NCIMB 8545	0581PEC
<i>Pseudomonas aeruginosa</i> ATCC® 9027™* 0484PEC
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538™* 0485PEC



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Custom Solutions

Environmental Isolates Preservation Services

Your Strain

Send your environmental isolate or objectionable microorganism to us; our team will professionally preserve the strain and create a product for your QC testing needs. Call (800) 266-2222 ext. 5696.

Your Format

Based on your packaging preferences and target concentration for quantitative products, we will design an easy-to-use, convenient QC microorganism product, made to your specifications, with your unique microorganism strain.

Your Convenience

Your custom-designed product is then shipped, as needed, to your testing location(s) throughout the world. Your lab will save a tremendous amount of time, labor and money.

Features and Benefits:

- Supported by highest quality credentials in the industry
- Qualitative and quantitative QC microorganism preparations available
- Many easy-to-use formats, including instant dissolve
- Quantitative products are customized to your desired concentration
- Simple, reliable QC testing



Brucella Broth with 10% Glycerol, and Beads

Store stock organisms for extended periods of time using Hardy Diagnostics CryoSavers™. A simple, safe, and convenient way to store organisms at ultra low temperatures for future use. 2ml cryovial, 1.2ml fill.

Blue cap, 100/bx.....CS100B



Epower™ microorganisms can be used to perform many essential quality control functions including microbial detection and enumeration, equipment calibration, method validation, bioburden determination, disinfectant challenge testing and antibacterial effectiveness and lethality testing. Available in concentrations ranging from 10^2 to 10^8 CFU per pellet, Epower™ lyophilized microorganism preparations are extremely versatile. Epower™ pellets can be used individually or several Epower™ pellets can be combined for a mixed microorganism population challenge. They can also be easily manipulated to deliver a wide variety

Multiple Application Enumerated Challenges

of concentrations. For added convenience, a peel-off Certificate of Assay is included for quality control documentation. Epower™ is packaged in a re-sealable vial containing 10 pellets of a single quantitative microorganism strain.

Features and Benefits:

- Quantitative
- Refrigerated storage
- Peel-off Certificate of Assay
- Online Certificate of Analysis
- Traceable to reference culture
- Product warranty
- Saves time and reduces labor by delivering a specific number of colony forming units (CFU)
- Easily manipulated to deliver desired CFU levels
- Easy storage & no dry ice required, reduces shipping costs
- Cost effective & economical
- Complete and convenient documentation
- Documentation of phenotypic, macroscopic and microscopic test results
- Assured quality, meets USP guidelines
- Increased customer confidence

Epower™ products available

<i>Aspergillus brasiliensis</i> ATCC® 16404™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0392E3
<i>Aspergillus brasiliensis</i> ATCC® 16404™*,	
1.0 to 9.9×10^6 CFU per pellet.....	0392E6
<i>Bacillus cereus</i> ATCC® 10876™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0998E3
<i>Bacillus subtilis</i> subsp. <i>spizizenii</i> ATCC® 6633™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0486E3
<i>Bacillus subtilis</i> subsp. <i>spizizenii</i> ATCC® 6633™*,	
1.0 to 9.9×10^4 CFU per pellet.....	0486E4
<i>Bacillus subtilis</i> subsp. <i>spizizenii</i> ATCC® 6633™*,	
1.0 to 9.9×10^6 CFU per pellet.....	0486E6
<i>Candida albicans</i> ATCC® 10231™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0443E3
<i>Candida albicans</i> ATCC® 10231™*,	
1.0 to 9.9×10^7 CFU per pellet.....	0443E7
<i>Clostridium perfringens</i> ATCC® 13124™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0318E3
<i>Clostridium sporogenes</i> ATCC® 11437™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0487E3
<i>Clostridium sporogenes</i> ATCC® 19404™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0317E3
<i>Cronobacter muytjensii</i> ATCC® 51329™*,	
1.0 to 9.9×10^3 CFU per pellet.....	0756E3
<i>Enterobacter aerogenes</i> ATCC® 13048™*,	
1.0 to 9.9×10^3 CFU.....	0306E3
<i>Enterobacter aerogenes</i> NCIMB 10102,	
1.0 to 9.9×10^3 CFU per pellet.....	0597E3



<i>Enterobacter cloacae</i> subsp. <i>cloacae</i> ATCC® 35030™*,	
1.0 to 9.9 x 10 ⁸ CFU per pellet.....	0388E8
<i>Enterococcus faecalis</i> ATCC® 29212™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0366E3
<i>Enterococcus faecalis</i> ATCC® 29212™*,	
1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0366E7
<i>Enterococcus faecalis</i> ATCC® 7080™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0497E3
<i>Escherichia coli</i> ATCC® 25922™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0335E3
<i>Escherichia coli</i> ATCC® 35218™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0495E3
<i>Escherichia coli</i> ATCC® 43888™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0795E2
<i>Escherichia coli</i> ATCC® 43888™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0795E3
<i>Escherichia coli</i> ATCC® 51813™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0791E3
<i>Escherichia coli</i> ATCC® 51813™*,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0791E4
<i>Escherichia coli</i> ATCC® 8739™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0483E3
<i>Escherichia coli</i> ATCC® 8739™*,	
1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0483E7
<i>Geobacillus stearothermophilus</i> ATCC® 7953™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0871E3
<i>Klebsiella pneumoniae</i> ATCC® 10031™*,	
1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0684E7
<i>Kocuria rhizophila</i> ATCC® 9341™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0688E3
<i>Kocuria rhizophila</i> ATCC® 9341™*,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0688E4
<i>Lactobacillus fermentum</i> ATCC® 9338™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0813E3
<i>Listeria innocua</i> NCTC 11288,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0414E3
<i>Listeria monocytogenes</i> ATCC® 13932™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0129E3
<i>Listeria monocytogenes</i> ATCC® 19111™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0277E3
<i>Listeria monocytogenes</i> ATCC® 19115™*,	
1.0 to 9.9 x 10 ² CFU per pellet.....	0687E2
<i>Listeria monocytogenes</i> ATCC® 19115™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0687E3
<i>Listeria monocytogenes</i> NCIMB 1372,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0308E3
<i>Penicillium aurantiogriseum</i> ATCC® 16025™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0794E3
<i>Pseudomonas aeruginosa</i> ATCC® 15442™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0693E3



<i>Pseudomonas aeruginosa</i> ATCC® 27853™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0353E3
<i>Pseudomonas aeruginosa</i> ATCC® 27853™*,	
1.0 to 9.9 x 10 ⁶ CFU per pellet.....	0353E6
<i>Pseudomonas aeruginosa</i> ATCC® 9027™*,	
1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0484E7
<i>Pseudomonas aeruginosa</i> NCIMB 8626,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0576E4
<i>Saccharomyces kudriavzevii</i> ATCC® 2601™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0698E3
<i>Salmonella abaeatetuba</i> ATCC® 35640™*,	
1.0 to 9.9 x 10 ² CFU per pellet.....	0817E2
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Abony</i>	
NCTC 6017, 1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0890E7
<i>Salmonella typhimurium</i> ATCC® 13311™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0421E3
<i>Salmonella typhimurium</i> ATCC® 13311™*,	
1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0421E7
<i>Salmonella enterica</i> ATCC® 14028™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0363E3
<i>Salmonella enterica</i> ATCC® 14028™*,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0363E4
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 25923™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0360E3
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 25923™*,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0360E4
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538P™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0827E3
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0485E3
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538™*,	
1.0 to 9.9 x 10 ⁷ CFU per pellet.....	0485E7
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 700699™*,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0158E4
<i>Staphylococcus epidermidis</i> ATCC® 12228™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0371E3
<i>Staphylococcus epidermidis</i> ATCC® 12228™*,	
1.0 to 9.9 x 10 ⁴ CFU per pellet.....	0371E4
<i>Staphylococcus epidermidis</i> ATCC® 12228™*,	
1.0 to 9.9 x 10 ⁸ CFU per pellet.....	0371E8
<i>Zygosaccharomyces rouxii</i> ATCC® 28253™*,	
1.0 to 9.9 x 10 ³ CFU per pellet.....	0803E3

The mean assay value provided on the Certificate of Assay label is the average assay value obtained by Microbiologics. Specific methods and materials are employed in determining the mean assay value. Your results may differ from the assay value listed on the product's label due to the use of different materials and methods.



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Environmental Testing Swabs

EnviroTrans™ Swab Kit (Pre-moistened)

A ready-to-use swab and tube pre-filled with your choice of five solutions to fit your specific needs!

Collect and transport environmental samples with efficiency and ease. Simply remove the cap and attached Dacron® swab, collect the sample, recap, and send to the lab. Each EnviroTrans™ tube contains broth or buffer (see listing). The entire unit is terminally sterilized. Excellent for detection or enumeration of microorganisms from environmental surfaces or equipment.

Neutralizing Buffer for the detection of microorganisms found on surfaces. Neutralizes chlorine, iodine and quaternary ammonium compounds. Contains no growth factors. Recommended for enumeration methods.

2ml, 20/box SRK20
5ml, 20/box SRK15

Lethen Broth for the detection of microorganisms found on surfaces. Neutralizes phenols, formalin, and ethanol. May be used with 3M Petrifilm™. Contains some growth factors.

5ml, 20/box SRK25

0.85% Saline for the detection of microorganisms found on surfaces. Osmotically neutral transport solution. Contains no neutralizing agents or growth factors. Recommended for enumeration methods.

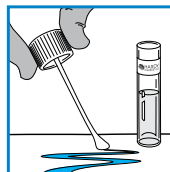
0.5ml, 20/box SRK05
2ml, 20/box SRK30
5ml, 20/box SRK35

D/E Neutralizing Broth for the detection of microorganisms found on surfaces. Neutralizes a broad spectrum of antiseptics and disinfectants, such as quaternary ammonia, iodine, chlorine, phenolics, formalin, mercurials, glutaraldehyde, ethanol, and hexachlorophene. Detects organisms remaining after sanitation treatment. Contains some growth factors.

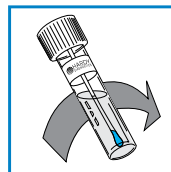
5ml, 20/box SRK45

Neutralizing Saline for the detection of microorganisms found on surfaces. Neutralizes a broad spectrum of antiseptics and disinfectants such as quaternary ammonia, iodine, chlorine, phenolics, formalin, mercurials, glutaraldehyde, ethanol, and hexachlorophene. Detects microorganisms remaining after sanitation treatment. Contains no growth factors. Recommended for enumeration methods.

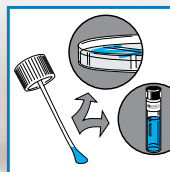
5ml, 20/box SRK55



1. Collect sample



2. Safely transport to the lab



3. Cultivate specimen

EnviroMax® Environmental Sampling Swabs

For the collection, transportation, and identification of microorganisms.

- Sterile, pointed, pre-moistened foam tip
- 50% neutralizing buffer, 50% peptone water (0.1%)
- Polypropylene handle
- Individually wrapped

25/box 2588050PF

250/box 2588050PF8

When you need something special.

CUSTOM MEDIA

FROM HARDY DIAGNOSTICS



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 the company 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!



Plated Media



Tubed Media



Bottled Media

A Culture of Service™

Protective Gear

Lab Coats and Aprons

ComfortPRO™ Disposable Lab Coats

These affordable, disposable lab coats are made of tri-laminated material. Fully breathable and splash resistant. Our lab coats feature snap front buttons, knit cuffs, and knit collars for added comfort. Three pockets are also featured, one on the breast and one at each hip. Your choice of color: white or blue.

Blue, 30/case

Small	36103BS
Medium	36103BM
Large	36103BL
XLarge	36103BXL
XXLarge	36103BXXL

White, 30/case

Small	36103WS
Medium	36103WM
Large	36103WL
XLarge	36103WXL
XXLarge	36103WXXL



Lab Aprons

Personal protective apron made of 2.25mm polyethylene. Fluid proof, 43x59 inches.
20/case8571



Splash Shield Full Shield, Cat. no. 4505 & N95 Particulate Respirator Mask, Cat. no. USP10206

Face Shields

Splash Shield

Splash Shield Full Shield, 24 per box.....	4505
Splash Shield Short Shield, 24 per box.....	4511

Lab Mask Respirator

N95 Particulate Respirator Mask

The N95 meets WHO and CDC recommended protection levels. The NIOSH-defined bacterial filtration efficiency delivers the safe protection needed against airborne pathogens and contamination. One size fits all.
210/case USP10206



Gloves

PRECISION® Nitrile Gloves (Powder Free)

Best all-around glove! Soft feel, powder-free, micro-textured, violet-blue.
10x100/box
Extra SmallPCS770
Small.....PCS772
Medium.....PCS775
Large.....PCS776
Extra LargePCS778

Surface Cleaners

SterileWipe™ LP Sterile Wipes

SterileWipe™ LP is a 100% continuous-filament polyester wipe that is low in particle generation and extractable levels. Each package is gamma irradiated to 10⁻⁶ Sterility Assurance Level. SterileWipe™ LP provides excellent cleaning performance in critical sterile environments such as pharmaceutical aseptic fill areas, biotechnology manufacturing facilities, microbiological laboratories, sterile suites and prep rooms.

Features and Benefits

- Gamma irradiated to 10⁻⁶ Sterility Assurance Level, according to AAMI Guidelines
- Lot specified information on each shipment simplifies record keeping:
 - Certificate of Processing confirming radiation dosage
 - Certification of Compliance
 - Expiration date marked on each package
- Cleanroom-laundered 100% polyester knit
- Independent quality control audits for sterility assurance
- Withstands exposure to common cleaning and disinfecting solutions including bleaches, phenols and quaternary ammonium compounds
- Packaging permits alcohol wipedown of exterior bag before introduction of the inner bag into sterile suites
- Superior strength allows for rigorous wiping with minimal release of fibers and particles
- Wipe glides smoothly over surfaces
- Assures quality of individual lots and lot-to-lot traceability

100 wipes/bagTX3211

Sterile TexTra™ 10 Sterile Wipes

Sterile TexTra™ 10 is a single-ply, double knit, 100% continuous-filament polyester wipe that offers high-capacity adsorption in a sealed-border wipe designed to prevent particle and fiber release. It is an alternative to two-ply polyester wipes. Sterile TexTra™ 10 provides premium performance in such Class 3-5 environments as pharmaceutical aseptic fill areas, biotechnology manufacturing facilities and microbiological laboratories. Each case of wipes is gamma irradiated to a Sterility Assurance Level (SAL) of 10⁻⁶ in accordance with ANSI/AAMI/ISO 11137.

Features and Benefits

- Cleanroom-laundered 100% polyester knit with thermally sealed borders
- Absorbency of a two-ply wipe
- Good abrasion resistance Gamma irradiated to a Sterility Assurance Level of 10⁻⁶
- Pre-sterilized for aseptic and sterile environments
- Eliminates preparation, documentation and validation of autoclaving wipes
- Large wipe size and liquid capacity simplify the application and removal of large volumes of cleaning and disinfecting solutions
- Superior wipe strength allows for rigorous wiping with minimal release of particles and fibers

9"x9", 100 wipes/bagTX3224

12"x12", 100 wipes/bagTX3225



Sterile 70% Isopropanol

Sterile 70% Isopropanol contains 70% by volume USP-grade Isopropanol (isopropyl alcohol) with 30% USP-purified water. This solution is submicron filtered, double-bagged and gamma- irradiated. Each container is lot coded with an expiration date for easy record keeping.

Features and Benefits

- Made with USP-grade Isopropanol
- Filtered through 0.22 micron filter
- Gamma-irradiated to a sterility level of 10^{-6}
- Double-bagged in solvent-safe bags and packaged in sealed polybag case liner
- Independent QC audits for sterility assurance
- Lot traceable
- Each shipment accompanied by lot specific Certificate of Processing and Certificate of Compliance with expiration date marked on each container

16oz spray bottle, 12/case.....TX3270

1 gallon, 4/case.....TX3290



Mycoplasma

SP4 Broth Plain

For the selective cultivation and differentiation of mycoplasma, including *Mycoplasma hominis*, *Mycoplasma pneumoniae*, and *Ureaplasma urealyticum*.
13x100mm tube, 2ml fill, 20/pk..... R84

SP4 Broth with Arginine

For the selective cultivation and differentiation of mycoplasma, including *Mycoplasma hominis*, *Mycoplasma pneumoniae*, and *Ureaplasma urealyticum*.
13x100mm tube, 2ml fill, 20/pk..... R85
125ml polycarbonate bottle, 100ml fill, 10/pk U26

SP4 Broth with Glucose

For the selective cultivation and differentiation of mycoplasma, including *Mycoplasma hominis*, *Mycoplasma pneumoniae*, and *Ureaplasma urealyticum*..
13x100mm tube, 2ml fill, 20/pk..... R86
125ml polypropylene bottle, 90ml fill, 10/pk U86
120ml boston round bottle, 100ml fill, 10/pk.....U191

SP4 Broth with Urea

For the selective cultivation and differentiation of mycoplasma, including *Mycoplasma hominis*, *Mycoplasma pneumoniae*, and *Ureaplasma urealyticum*.
13x100mm tube, 2ml fill, 20/pk..... R87
500ml polycarbonate bottle, 500ml fill, eachU513



Also see page 36

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.

Features and Benefits

- 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 anaerobes

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.

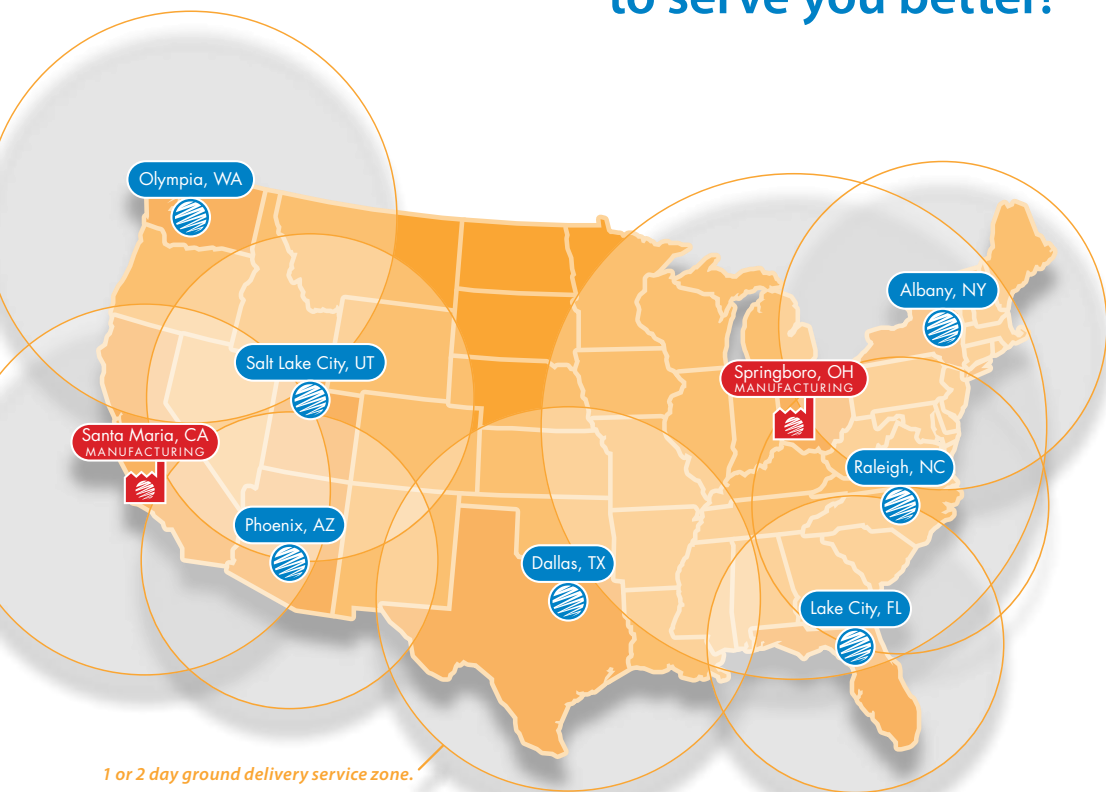
AnaeroGen™ 2.5 liter Sachets,
10 sachets/bx.....AN25US

Almore Gas Jar, 2.5 liter, each.....16000

Anaerobic Indicator Strip, 100 strips/bx.....BR55



Now with 9 Distribution Centers and 2 Manufacturing Plants to serve you better!



Same Day Shipping

Orders placed before 1:30 p.m. for all time zones (except Hawaii and Alaska) are processed and shipped out the same day. Most orders are received the next morning.



Pharmaceutical Microbiology

Notes: _____

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