Cosmetics & Personal Care



A Culture of Service™

Cosmetics and Personal Care Microbiology

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FM 572526

Hardy Diagnostics adheres to cGMP, is licensed by the FDA as a medical device manufacturer, and its quality management system is ISO 13485 certified.

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Distribution Centers

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Environmental Monitoring

Contact Plates for Surface Sampling TIĞHT





1. Remove lid from plate.



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



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



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



Improved design with friction-fit lid and locking mechanism

Non-Irradiated Contact Plates

Tryptic Soy Agar with Lecithin and Tween® 80 For the cultivation and enumeration

of microorganisms. 10/pk.....P34 Sabouraud

Dextrose Agar For the cultivation of fungi. 10/pk......P36

Malt Extract Agar with Lecithin and Tween® For the cultivation of fungi 10/pk.....P93

Irradiated Contact Plates

Tryptic Soy Agar with Lecithin and Tween® 80. **USP**

For the cultivation and enumeration of microorganisms. Irradiated, triple bagged, 10/pk.....P520 Red tinted plate, triple bagged, 10/pk......P520R

Sabouraud Dextrose Agar with Lecithin and Tween® 80, USP

For the cultivation of fungi. Irradiated, triple bagged, 10/pk......P595

Environmental Sampling Swabs



EnviroTrans™ Swab Kit (Pre-moistened)

A ready-to-use swab and tube pre-filled with 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. The entire unit is terminally sterilized. Excellent for detection or enumeration of microorganisms from environmental surfaces or equipment.

EnviroTrans™ 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.

5ml, 20/box.....SRK15

EnviroTrans™ Letheen Broth

For the detection of microorganisms found on surfaces. Neutralizes phenols, formalin, and ethanol. Contains some growth factors.

5ml, 20/box......SRK25



1. Collect sample



2. Safely transport to the lab



3. Cultivate specimen

Polyester Sampling Swab, Sterile, no Breakpoint

Regular, polyester tip swab, no breakpoint, in peel pouch - individually packaged, sterile.

.P0P100

ATP Monitoring



Handheld Luminometer for ATP hygiene monitoring

EnSURE™ Touch is an advanced monitoring system that collects, analyzes and reports data from a variety of long-trusted quality tests, providing rapid and accurate sanitation verification data. Featuring a 5-inch touch screen, wireless sync technology, and cloud-based software, the EnSURE Touch is designed to adapt to your workplace, providing the data you need for complex multi-location supply chain monitoring, audit and risk management, and recall prevention.

Run multiple tests on one system in just a few taps

(hygiena

EnSURE™ Touch users can use the system for ATP hygiene monitoring or have an expanded program that incorporates rapid microorganism tests for environmental monitoring and finished product testing.

Minimal size, maximum durability

Don't let the petite shape fool you - EnSURE Touch makes no compromises when it comes to durability. The rugged outer shell and shatterproof touchscreen keep EnSURE Touch safe in the harshest environments. For extra protection, every system comes with a complimentary carrying case with a shoulder strap for handsfree transportation to test locations in your facility.

ATP Tests by Hygiena

Product	Specifications	Quantity	Cat. no.
UltraSnap™	ATP surface test, 100/bx	100/bx	US2020
SuperSnap™	High sensitivity ATP surface test	100/bx	SUS3000
AquaSnap™ Total	ATP water test	100/bx	AQ100
AllerSnap™	High sensitivity allergen prevention surface test	100/bx	ALS100

MINI

Each kit includes:

TRIO.BAS™ MINI BLUETOOTH air sampler, battery charger and cable, aspirating head, cover head, LIGHT carrying case, and calibration certificate.

Ideal for use in less critical environments



Features:

- Aspirating head with quick bayonet closure system for easy manipulation
- Light weight: Significantly lighter than industry counterparts
- Rechargeable via external port using standard wall charger
- Note: Sampling data must be manually recorded with the MINI

MINI Kit, 100 liters/min., contact plate	BAS152K
MINI Kit, 100 liters/min., mono plate	BAS153K
MINI Kit, 200 liters/min., contact plate	BAS162K
MINI Kit 200 liters/min mono plate	BAS163K



MINI CompactDry[™]

Especially designed for CompactDry™ media

Each kit includes:

TRIO.BAS MINI air sampler, charging cable, stainless steel aspirating head, protective cover head, and carrying case.

MINI Kit, 100 liters/minBAS255K ($CompactDry^{TM}$ plates sold separately).



Each kit includes:

TRIO.BAS™ MONO air sampler, induction battery charger and cable, aspirating head, cover head, ROBUSTUS carrying case, calibration certificate, and I.Q., O.Q., P.Q. fillable documents.

Data transfer to PC capability





Features:

- · Delayed interval sampling and remote start capabilities
- Data transfer capability via Bluetooth requires purchase of BAS296 software
- Aspirating head with quick bayonet closure system for easy manipulation
- Light weight: lighter than industry counterparts
- Charges via induction base charger. No plugs or external connections

MONO Kit, 100 liters/min., contact plate	BAS200K
MONO Kit, 100 liters/min., mono plate	BAS201K
MONO Kit, 200 liters/min., contact plate	BAS205K
MONO Kit, 200 liters/min., mono plate	BAS206K







Features:

- Two aspirating heads for sampling on separate plates to determine bacterial and yeast/mold counts
- Programmable for simultaneous or interval aspirating times
- Delayed interval sampling and remote start capabilities
- Data transfer capability via Bluetooth requires purchase of BAS296 software
- Aspirating head with quick bayonet closure system for easy manipulation
- Charges via induction base charger. No plugs or external connections

DUO Kit, 100 liters/min., contact plate	BAS220K
DUO Kit, 100 liters/min., mono plate	BAS221K
DUO Kit, 200 liters/min., contact plate	BAS225K
DUO Kit, 200 liters/min., mono plate	BAS226K

Air Sampling Media

Petri	Pl	lates

Irradiated Plates

Sabouraud Dextrose (SabDex) Agar SterEM™, USP

For the cultivation of fungi. Irradiated, 15x100mm plate, deep fill, triple bagged, 10/pkW565

Tryptic Soy Agar (TSA), SterEM™, USP General growth medium for the detection and

enumeration of microorganisms. Irradiated, 15x100mm plate, deep fill, triple bagged, 10/pkW540

Non-Irradiated Plates

Malt Extract Agar (MEA)

For the cultivation and enumeration of yeasts and molds. 15x100mm plate, 10/pk......W28

Sabouraud Dextrose (SabDex) Agar

For the cultivation of fungi, 15x100mm plate. deep fill, 10/pk......W70

Tryptic Soy Agar (TSA), USP

General growth medium for the detection and enumeration of microorganisms.

Contact Plates

Irradiated Plates

Sabouraud Dextrose (SabDex) with Lecithin and Tween® 80, USP

For the cultivation of fungi. Contact plate with LokTight™ lid. Irradiated, triple bagged, 15x60mm 10/pk P595

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

For the cultivation and enumeration of microorganisms. Contact plate with LokTight™ lid. Irradiated, triple bagged, 15x60mm, 10/pk......P520

Non-Irradiated Plates

Malt Extract Agar (MEA)

With Lecithin and Tween®, contact plate with LokTight™ friction lid 10/pk.....P93

Sabouraud Dextrose (SabDex) Agar

Contact plate with LokTight™ friction lid, for surface testing, 10/pkP36

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

With Lecithin and Tween® 80, USP, contact plate with LokTight™ friction lid, 10/pk.....P34



Serial Dilutions

Dilugent Shaker for use with Dilucup® Elegance!

by LabRobot

The Dilugent Shaker uses orbital rotation to make sure each dilution is thoroughly vortexed. It is activated by either an hands-free optical sensor or the optional foot pedal. The 42 LED indicators light each cup, letting you easily see what dilution well you are in.





Features:

- Dimensions: 38cm x 29.5cm x 5cm
- 7" touch screen
- Two optical sensors, one at each side
- Can create and store testing templates, assuring standardization of method
- Programming with intuitive software
- 6 rows for 42 cups (7 x 6)

- Removable magnetic tray for 42 cups
- Export data to USB
- Bar code reading (Dilugent and Dilugent Pro only)
- Able to record sample ID and user ID (Dilugent and Dilugent Pro only)
- Full connectivity to LIMS (*Dilugent Pro only*)
- Optional Footswitch, Cat. no. 040FS02

Dilugent Shaker Light

Store up to 2 templates. Data retrieval is manual only.

40DGT84LT

Dilugent Shaker Standard Version

Record sample ID, technical or user ID. Bar code scanner capability. Store up to 10 templates. Export data to USB.

40DGT84SD

Dilugent Shaker Pro

LIMS connectivity and traceability for data. Record sample ID, technical or user ID. Bar code scanner capability. Store up to 10 templates.

40DGT84P0



Serial Diluents





MRD (Maximum Recovery Diluent)

Max Recovery Diluent, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 16 x 21) total cups with 3 cups/row

40DFMRD3

BPW (Buffered Peptone Water)

Buffered Peptone Water, dilution blank, 9ml fill, ready-touse cups, 672 (2 x 16 x 21) total cups with 3 cups/row

40DEBPW3

NaCl (Saline Solution) 0.85%

NaCl with buffer, dilution blank, 9ml fill, ready-to-use cups, 672 (2 x 16 x 21) total cups with 3 cups/row

40DENACL3

Pre-filled Dilution Vials



A wide 45mm opening accommodates large samples. A fliptop lid allows for easy onehanded opening.



Prefilled Dilution Vials

Butterfield's Phosphate Buffer

1431111 polypropylerie viai, hip-top ild.	
90ml fill, 50 pk	D590
99ml fill, 50 pk	D599

Buffered Peptone Water, Irradiated

145ml polypropylene vial, flip-top lid.

Deionized Sterile Water

145ml polypropylene vial, flip-top lid.	
90ml fill, 50 pk	D090
99ml fill, 50 pk	D099

Peptone Water, 0.1%, Irradiated

145ml polypropylene vial, flip-top lid.	
90ml fill, 50 pk	D290
99ml fill, 50 pk	D299

Phosphate Buffer with MqCl2

145m	I po	lyp	ropylene vial, flip-top lid.	
90ml	fill,	50	pk	D69
99ml	fill	50	nk	D69

TAT Broth, Irradiated

145ml	l po	lypi	ropy	/lene	vial,	flip-top	lid.		
90ml	fill,	50	pk					D07	7

Prepared Culture Media

Sample Preparation and Water Miscible Products

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Phosphate Buffered Saline (PBS), pH 7.5

For quantitative culturing or as a rinsing agent in microbiological, immunological, histological and molecular testing procedures.

125ml polypropylene bottle, 100ml fill, 20/pk......U137

Tween® 80

Water, Deionized

For the preparation of dilutions and suspensions.
50ml centrifuge tube, 10ml fill, 25/pkX61
50ml centrifuge tube, 40ml fill, 25/pkX51

Total Plate Count or Aerobic Plate Count

Letheen Agar

Letheen Agar Modified, with Tween 80, 1.5%

For the cultivation and enumeration of microorganisms from cosmetics and personal care product samples.

15x100mm plate, 28ml fill, 10/pk......W55

Letheen Broth

Letheen Broth, Modified

R2A Agar

Standard Methods Agar (Plate Count Agar)

For the cultivation and enumeration of



General Growth

BHI (Brain Heart Infusion) Agar
A general purpose nutrient medium recom-
mended for the cultivation, storage, and mainte-
nance of a variety of microorganisms, including
bacteria, yeasts, and molds.
15x100mm plate, 10/pkW15
BUILDING TO THE COLOR OF THE COLOR

BHI (Brain Heart Infusion) Broth For the cultivation of microorganisms. 13x100mm glass tube, 5.5ml fill, 20/pk......R20

16x100mm PC tube,	20/pk	K27
16x125mm PC tube,	20/pk	K25

Brucella Agar with Hemin and Vitamin K For the cultivation of anaerobes. A noninhibitory general growth medium for all

Gram-positive and Gram-negative anaerobic
bacteria. Optimized formula for enhanced
growth of anaerobes.
15x100mm plate, 10/pk

Choc	olate	Agar
01100	Oluce	, agai

For the enriched	cultivation of fastidious	
bacteria.		

Dacteria.			
15x100mm	plate,	10/pk	.E14

Thioglycollate Broth with Indicator

For the cultivation of microorganisms. Filtered
to remove dead bacteria and debris.
16x125mm tube, 20/pkK21

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

For use as a general growth medium for the	
isolation and cultivation of microorganisms.	
15x100mm plate, 10/pk	G41
15x100mm plate, 27ml deep fill, 10/pk	W41
500ml PC bottle, 400ml fill, 10/pk	U174

TSA (Tryptic Soy Agar) LISP

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For use as a general growth medium for the	
isolation and cultivation of microorganisms.	
15x100mm plate, 10/pk	G60
15x100mm plate, 69ml fill, 10/pk	H19

TSB (Tryptic Soy Broth) with Lecithin and Tween® 80. USP

For the cultivation of a wide variety of fastidious and nonfastidious microorganisms from nonclinical specimens.

236ml wide mouth glass jar, 90ml fill, 12/pk......U134G

TSB (Tryptic Soy Broth), USP

For the isolation and cultivation of a wide variety of bacteria and fungi.

180ml wide mouth PC jar, 100ml fill, 12/pk...... U71

Mold, Yeast and Fungi

Malt Extract Agar

For the cultivation and enumeration of yeasts and molds.

15x100mm plate, 10/pk......W28

Malt Extract Agar with 0.01% Chloramphenicol, Slant

For the selective isolation of fungi. 16x100mm glass tube, 5.5ml slant, 20/pk......L128

Potato Dextrose Agar, USP

For the cultivation of yeast and mold, and for the inducement of sporulation in non-clinical

Potato Dextrose Agar Slant, USP

For the cultivation of yeasts and molds. 20x125mm glass tube, 20/pk.....L90

Sabouraud Dextrose (SabDex) Agar

For the isolation, cultivation, and maintenance of non-pathogenic and pathogenic species of fungi and veasts, and meet the harmonized USP/EP/ JP standards for the microbial examination of non sterile products. 15x100mm plate, 10/pk......W70

500ml PC Bottle, 500ml fill, 10/pk......U353

Sabouraud Dextrose (SabDex) Agar with Chloramphenicol

For the selective isolation of fungi and yeasts from clinical and nonclinical specimens. 15x100mm plate, 10/pk......W72



Sabouraud Dextrose (SabDex) Agar with Chloramphenicol and Tetracycline For the selective isolation of fungi. 15x100mm plate, 26ml fill, 20/pkW74 Sabouraud Dextrose (SabDex) Agar with Lecithin and Tween® 80, Deep For the isolation and cultivation of fungi and the neutralization of disinfectants. 500ml PC Bottle, 400ml fill, 10/pk	HardyCHROM™ Bcc For selective isolation and differentiation of Burkholderia cepacia, and other closely related species, based on colony color. 15x100mm plate, 10/pk
Selective Enrichment, Cultivation, or Detection of Gram Negative Bacteria	Isolation Agar For the selective isolation of <i>Pseudomonas aeruginosa</i> . 15x100mm plate, 10/pk6219
Burkholderia cepacia Selective Agar (BCSA)	15x60mm plate (membrane filtration format), 10/pk
For the selective isolation and differentiation of Burkholderia (Pseudomonas) cepacia. 15x100mm plate, 10/pk	Lactose Broth For the cultivation of coliforms and Salmonella spp. Single strength.
BBE Agar (Bacteroides Bile Esculin) For the selective isolation and detection of Bacteroides fragilis group. 15x100mm plate, 10/pk	180ml wide mouth PC jar, 99ml fill, 12/pkU92 354ml wide mouth glass bottle, 225ml fill, 12/pkU146
Cetrimide Select Agar, for Pseudomonas, USP For the selective isolation of Pseudomonas	LKV Agar For the selective isolation of gram negative anaerobic bacteria, especially <i>Bacteroides</i> spp. 15x100mm plate, 10/pk
aeruginosa. 15x100mm plate, 10/pk	MacConkey Agar, USP
EE Broth Mossel, USP For use in the selective enrichment and detection of Enterobacterales. 180ml wide mouth PC jar, 90ml fill, 12/pkU291	For the isolation and differentiation of gram negative bacteria, especially the Enterobacteriaceae group. Advanced formula controls the swarming of Proteus. 15x100mm plate, 10/pk
EMB Levine Agar (Eosin Methylene Blue Levine Agar) For isolation and differentiation of Gram negative bacilli.	Malonate Broth For the differentiation of Gram-negative bacilli based on malonate utilization. 15x103mm PC tube, 5ml fill, 20/pkK36
15x100mm plate, 10/pk	Moeller's Arginine Decarboxylase For the differentiation of Gram-negative enteric



amino acids.

bacilli based on the decarboxylation reaction of

Motility Nitrate For the detection of motility and nitrate reduction of non-fermentative bacilli.		
13x100mm glass tube, 3ml fill, 20/pkY23		
MR-VP (Methyl Red - Voges Proskauer) Broth For the identification of Gram-negative bacilli. 15x103mm PC tube, 5ml fill, 20/pkK37		
Simmons Citrate Agar Slant For the detection of citrate utilization of Gram-negative enteric bacilli. 16x100mm glass tube, 20/pkL80		
TSI (Triple Sugar Iron) Agar Slant For the identification of Gram-negative bacilli. 16x125mm tube, 8ml Slant, 20/pkL50		
Violet Red Bile with Glucose Agar (VRBGA), USP For the detection of Enterobacterales in non-sterile products. 15x100mm plate, 10/pk		
Selective Enrichment, Cultivation, or Detection of Gram Positive Bacteria		
Baird-Parker Agar		
For the selective detection and enumeration of coagulase-positive staphylococci. 15x100mm plate, 10/pk		
For the selective detection and enumeration of coagulase-positive staphylococci.		
For the selective detection and enumeration of coagulase-positive staphylococci. 15x100mm plate, 10/pk		
For the selective detection and enumeration of coagulase-positive staphylococci. 15x100mm plate, 10/pk		

Starch Agar

For the use in the determination of starch hydrolysis by microorganisms.

SF Broth

For the differentiation of group D enterococci from group D non-enterococci. 16x125mm glass tube, 20/pk.....K45

Vogel and Johnson Agar

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



liquefy gelatin.



Recovery of Gram Positive and Gram Negative Organisms from Viscous Products

TAT Broth

For the detection of microorganisms from topical drugs, cosmetics, and other viscous materials.

20x125mm tube, 9ml fill, 20/pk	.K251
125ml polypropylene wide mouth bottle,	
99ml fill, 50/pk	U399
118ml Boston Round bottle, 90ml fill, 20/pk	U87
118ml Boston Round bottle, 99ml fill, 20/pk.	U78
236ml wide mouth glass jar, 90ml fill, 12/pk	U77
236ml wide mouth glass jar, 99ml fill, 12/pk.	U88
1L polypropylene bottle, 1L fill, 10/pk	.U319

Gram Negative or Gram Positive Speciation

OF Mannitol Medium

For the detection of carbohydrate oxidation or fermentation by bacteria.

13x100mm PC tube, 3ml fill, 20/pk......Y53

OF Dextrose Medium

For the detection of carbohydrate oxidation or fermentation by bacteria.

13x100mm PC tube, 3ml fill, 20/pk......Y57

OF Fructose Medium

For the detection of carbohydrate oxidation or fermentation by bacteria.

13x100mm PC tube, 3ml fill, 20/pk......Y58



Control Organisms

EZ-PEC"

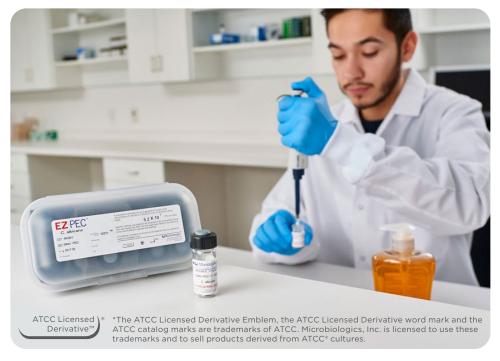
Antimicrobial Effectiveness and Preservative Efficacy Testing

Laboratories perform Antimicrobial Effectiveness and Preservative Efficacy Testing to ensure personal care products are safe and effective. EZ-PEC™ quantitative QC microorganism preparations are designed to provide the required microorganism challenge concentrations for these crucial tests. Each kit includes 20 lyophilized pellet of a single enumerated QC microorganism and 10 vials of hydrating fluid (2 ml in each vial).

Features and Benefits:

- Delivers 1.0 \times 10 5 to 1.0 \times 10 6 CFU per ml of product tested
- Strains are less than or equal to three passages from the reference culture
- Ready-to-use format saves time and money
- Refrigerated storage is easy and economical
- Online Certificate of Analysis provides detailed strain information
- Traceability to reference cultures ensures authenticity
- Technical Support experts available for guidance

Aspergillus brasiliensis derived from ATCC® 16404™*	0392PEC
Bacillus spizizenii derived from ATCC® 6633™*	0486PEC
Candida albicans derived from ATCC* 10231™*	0443PEC
Escherichia coli derived from ATCC® 8739™*	0483PEC
Escherichia coli NCIMB 8545	0581PEC
Pseudomonas aeruginosa derived from ATCC® 9027™*	0484PEC
Staphylococcus aureus subsp. aureus derived from ATCC® 25923™*	0360PEC
Staphylococcus aureus subsp. aureus derived from ATCC® 6538™*	0485PEC





Product	Mylar* Zip-Bag Pre-weighed to make 2 liters of media	500gm Jar	2kg Bucket	10kg Bucket
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
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
Letheen Agar, Modified	C7900	C7901	C7902	C7903
Letheen Broth			C6022	C6023
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 ²	C6680	C6681	C6682	C6683
R2A Agar	C6720	C6721	C6722	C6723
SabDex Agar			C6812	
SabDex Agar with Chloramphenicol	C6780	C6781	C6782	C6783
SabDex with Lecithin and Tween®	C6800	C6801	C6802	C6803
Starch Agar	C7010	C7011	C7012	C7013
TAT Broth Base ⁴	C7030	C7031	C7032	C7033
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
Tryptic Soy Broth (TSB)	C7140	C7141	C7142	C7143
Tryptic Soy Broth (TSB) No. 2	C9140	C9141	C9142	C9143

Product	Mylar Zip-Bag Pre-weighed to make 2 liters of media	500gm Jar	2kg Bucket	10kg Bucket
Tryptic Soy Broth with Bile Salts No. 3	C8230	C8231	C8232	C8233
Tryptic Soy Broth with Indicator	C8060	C8061	C8062	C8063
Tryptose Phosphate Broth	C7210	C7211	C7212	C7213
Tryptic Soy Broth without Dextrose	C8120	C8121	C8122	C8123
Vogel and Johnson Agar Base ³	C7280	C7281	C7282	C7283
XLD Agar	C7320	C7321	C7322	C7323

- (1) Egg Yolk Tellurite Emulsion, 100%, 1x100ml, Cat. no. R450330
- (2) Glycerol, 100gm, Cat. no. 228210 (4) Tween® 20, 1x40ml, Cat. no. PS20
- (3) Potassium Tellurite (3.5%), 10x2ml vials, 100gm, Cat. no. SR030J
- CRITERIAN CONTROL CULTURE MEDIA Letheen Broth, Modified For the determination of antimicrobial activity of quaternary ammonium compounds 500GM Cat. no. C7641 Lot no:. 19021

Compact Dry™ Colony Count Plates

Colony Counting Simplified

CompactDry™ TC Total Count

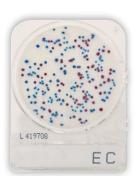
For total aerobic viable bacterial count. Growing colonies will appear red.





CompactDry™ EC E. coli and Coliforms

For the isolation and enumeration of coliforms and *E. coli*. Coliform colonies will appear red, and *E. coli* colonies will appear blue. 240/pk......54082



CompactDry[™] ETB Enterobacteriaceae

For the isolation and enumeration of Enterobacterales. Growing colonies will appear magenta in color.

100/pk ETB100



CompactDry™ XSA Staphylococcus aureus

For the selective growth, enumeration, and differentiation of *Staphylococcus aureus*. Growing colonies will appear blue-green. 240/pk......54086



CompactDry™ YM Yeast and Mold

For the isolation and enumeration of yeast and mold. Yeast colonies will appear blue, and molds will form cottony colonies with characteristic colors. 240/pk......54083



CompactDry™ YMR Yeast and Mold Rapid

For the isolation and enumeration of yeast and mold. Rapid format provides results in 48-72 hours. Yeast colonies will appear blue, and molds will form cottony colonies with characteristic colors.

240/pk.....54084



Manufactured for Hardy Diagnosics by



Introducing





Consistency where it counts

The Wizard™ brings precise colony counts to each and every set of plates, eliminating the risk of human error and inconsistency. Digitizes plate images and includes software for data storage.

Your colony count in seconds

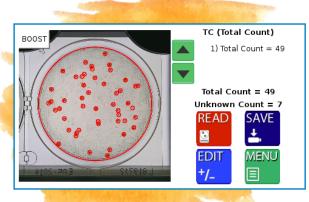
Save technician hours on this simple and tedious task to maximize your throughput possibilities.

Simple implementation

Easy-to-understand instructions make for simple Standard Operating Procedures, allowing you to train your team and begin utilizing automation for your colony counts.

Compliance made easy

Make data compliance easy in any lab with several ways to save your test results. Transfer to LIMS software, save directly to USB, or print your data.



Anaerobic Microbiology

anaerogaro

Pre-Reduced Anaerobic Culture Media

MultiPak A, Brucella with Hemin and Vitamin K Monoplate, PEA Monoplate, and BBE/LKV Biplate

Recommended for use in the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms. The medium is also suitable for the growth of aerobic and microaerophilic bacteria when incubated under the appropriate conditions.

Plate 1: Monoplate:

Brucella Agar with Hemin and Vitamin K

Plate 2: Monoplate:

Anaerobic PEA Agar

Plate 3: Biplate:

Section I: BBE Agar (Bacteroides Bile Esculin)
Section II: LKV (Laked Blood with Kanamycin
and Vancomycin) Agar

Three 15x100mm platesAG303





Brucella Agar with Hemin & Vitamin K

For use in the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms. The medium is also suitable for the growth of aerobic and microaerophilic bacteria when incubated under the appropriate conditions.

Anaerobe Jar

This anaerobic jar is specially formulated for temperature stability and durability. The 3/8" thick anodized aluminum lid allows increased resistance to warping, cracking, and breakage. Shipped complete with a stainless steel rack to accommodate 100mm petri dishes. Double screw clamp, coupled with the patented Quad Ring, ensures a more positive seal, superior to conventional O-rings. It also doubles as a handy carrying handle.

Each16000





AnaeroGen™ 2.5 Liter Sachets

AnaeroGen™ is a simple-to-use system for rapidly generating an anaerobic environment necessary to cultivate anaerobic microorganisms within a sealed iar. 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. 10 sachets/bx.....AN25US

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 anaerobic environment producing 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 anaerobes



Membrane Filtration



Membrane Filtration is the established method of choice for liquid testing as it provides reliable and reproducible results. Microsart Manifolds adapt to your individual microbiological testing procedures. Choose the manifold size, from single branch to multi-branch.

- 100% stainless steel
- Autoclavable with no disassembly required
- Sterile venting in critical applications reduced risk of secondary contamination
- Stable ergonomic design

Capacity	Cat. no.
1 x 100ml	168M1MS
2 x 100ml	168M2MS
3 x 100ml	168M3MS
6 x 100ml	168M6MS
	1 x 100ml 2 x 100ml 3 x 100ml



Microsart® Manifold Accessories

Filter Adapter

For connecting Polycarbonate Filter holder 16511 with the Microsart® Manifold.

Each......168ZAD0001

Minisart™ SRP Syringe Filters

Ready-to-use units for simple, rapid and reliable ultracleaning of small volume samples for the HPLC or GC analysis.

50/pk......S7575FX0SK

Stainless Steel Blind Coupling

For 1, 3 and 6 place Microsart® Manifold. Each......168SPA0001

Stainless Steel Base Support for Microsart® Manifold

Stainless Steel Base Support for Microsart® Manifold

For use with 47 or 50mm Biosart $^{\circ}$ 250 Funnels or 100ml/500ml Stainless Steel Funnels.

Stainless Steel Double Coupling

For connecting two manifolds.

Vacuum Pumps

for Microsart® Filtering Station Manifolds

Microsart® e.jet Pump

Laboratory vacuum pump capable of simultaneously creating a vacuum and transferring filtered liquids to waste. Ideal for sample preparation in microbiological analysis. Constant flow rates, and a defined maximum vacuum, quarantee smooth and reliable filtration.

Microsart® e.jet Vacuum Pump

166MP4



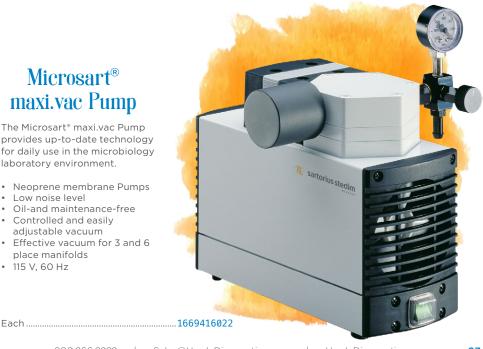
For use with 1,2 and 3 branch manifolds only

EdCI1100MF4
Foot Switch for e.jet Pump 166MP-4 Each1ZE0053
1 Meter Silicone Vacuum Hose with Quick Connection Each1ZAS0016
2 Meter Silicone Pressure-sided Tubing Each
10m Silicone Pressure-sided Tubing Each1ZAS0020
Quick Connect Silicone Tubing for connecting manifold with e.jet pump1ZA0006
Quick Connect Silicone Tubing for connecting e.jet pump with receptacle flask1ZAS0007
Quick Connection Coupling For Silicon Tubing, PSU. 2/nk 168SPR0001

Microsart® maxi.vac Pump

The Microsart® maxi.vac Pump provides up-to-date technology for daily use in the microbiology laboratory environment.

- Neoprene membrane Pumps
- Low noise level
- Oil-and maintenance-free
- Controlled and easily adjustable vacuum
- Effective vacuum for 3 and 6 place manifolds
- 115 V, 60 Hz



Funnels

for Microsart® Filtering Station Manifolds



6981002

6981065



16A0710N

16A0725N

IOOml Stainless	Steel	Funnel	with
Closure Clamp			

.....6981065

500ml Stainless Steel Funnel with Closure Clamp

Each6981002

Stainless Steel Lid for 100ml Funnel

Stainless Steel Lid for 500ml Funnel Each6981001

Lid Seal for 100ml Stainless Steel Funnel Each6981064

Lid Seal for 500ml Stainless Steel

Funnel Each6981003

Sterile Disposable Funnels with Click-fit Closure

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

Funnel Dispenser

Microsart @ Filters

Sterile, Disposable

100ml Volume

Pore Size	Pack Type	Pk Sz	Cat. no.
0.2	Tray	60	16D011007BL
0.45μm High-Flow	Tray	60	16D0110H6BL
0.2	Stacked in bag	24	16D011007TG
0.45μm High-Flow	Stacked in bag	24	16D0110H6TG
0.2	Individually Packed	27	16D011007ACG
0.45μm High-Flow	Individually Packed	27	16D0110H6ACG

250ml Volume

Pore Size	Pack Type	Pk Sz	Cat. no.
0.2	Tray	16	16D012507TF
0.45μm High-Flow	Tray	16	16D0125H6TF
0.2	Stacked in bag	48	16D012507BK
0.45μm High-Flow	Stacked in bag	48	16D0125H6BK
0.2	Individually Packed	18	16D012507ACF
0.45µm High-Flow	Individually Packed	18	16D0125H6ACF



Gridded Membrane Filters



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
White/black	0.45μm	100	1300647ACN
*Individually wrapped on pleated rolls, sterile packed, 47mm			
White/black	0.45μm	300	11406Z47SCM
White/black	0.45μm High-Flow	300	114H6Z47SCM

*For use with Microsart e.motion Filter Dispenser, Cat. no. 16713BO

450

114H6Z47SFM

0.45um

High-Flow

Rapid Identification Systems

White/black

Microgen® ID Panels

Microgen® ID panels, in a convenient microwell strip, reduces labor costs, time, and laboratory space.



Product	Cat. no.
GN (Gram Negative) ID, Panel A, 60 tests/kit	MID64
Microgen® ID Software	MID60
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
Ninhydrin	Z70

Reagents (Additional reagents may be required, which are not included in the kits) Contact Technical Support (800.266.2222 ext. 5598)

Reagents

Catalase Reagent

Useful in the identification and differentiation of many bacteria such as *Streptococcus* species (catalase-negative) and *Staphylococcus* species (catalase-positive). Catalase positive organisms will produce gas bubbles in the presence of hydrogen peroxide 3%, H_2O_2 .

Catalase Reagent, hydrogen peroxide 3%, 15ml dropper bottle. Each......Z62

Catalase Reagent for Anaerobes, Hydrogen Peroxide 15%, 15ml dropper bottle, Each.......Z262

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

OxiSticks™ Oxidase Swabs

CoaguStaph™

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

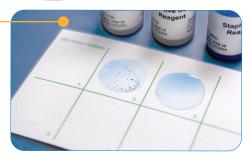
StaphTEX™ Blue -

The StaphTEX™ Blue latex agglutination test kit detects both the Clumping Factor and Protein A found in *Staphylococcus aureus*. The entire procedure takes less than one minute. Liquid controls are included, 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







Lab Equipment



Digital Incubator

The IncuPRO™ Digital Incubator is perfect for incubating cultures, test kits, and many other research and medical procedures that require heating at an economy price. Great for lab benchtops with limited space.

- · Includes two shelves and accommodates up to four shelves
- Digital temperature readout with control dial
- Solid door style
- 0.8 cubic feet

Each......133000H





DuraRack® Petri Plate Holder

For batching, safe transporting and incubating 100mm culture plates. Helps streamline benchtop laboratory processing in your microbiology lab.

- Durable
- Autoclavable
- Coated steel wire rack
- Easy loading and unloading from the top
- Sturdy welded design

60 Petri plate holder, 7 1/4" W x 12 1/2" L x 6" H Each.....DURA60 84 Petri plate holder, 7 1/4" W x 12 1/2" L x 8" H

Biological Indicators

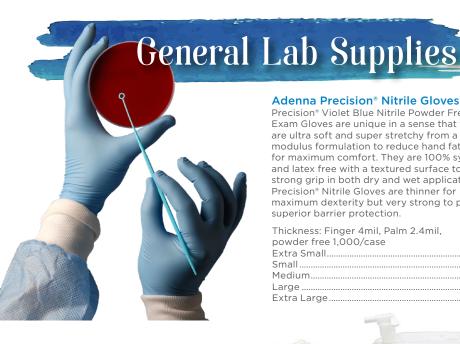
SPORAMPULE®

SporAmpule® Liquid Biological Indicator, for Steam Sterilization

An error-free BI (Biological Indicator) system certified for use with steam sterilization processes. After processing in a normal load, the SporAmpule® is incubated at 56°C for 48 hours. A purple to yellow color change and visible turbidity of a processed SporAmpule® indicates sterilizer failure.

20/pk.....BST20 100/pk.....BST100

فلنديية



Adenna Precision® Nitrile Gloves

Precision® Violet Blue Nitrile Powder Free Exam Gloves are unique in a sense that they are ultra soft and super stretchy from a low modulus formulation to reduce hand fatique for maximum comfort. They are 100% synthetic and latex free with a textured surface to provide strong grip in both dry and wet applications. Precision® Nitrile Gloves are thinner for maximum dexterity but very strong to provide superior barrier protection.

Thickness: Finger 4mil. Palm 2.4mil. powder free 1 000/case

powder free 1,000/case	
Extra Small	PCS770
Small	PCS772
Medium	PCS775
Large	PCS776
Extra Large	

Alpet D2 Surface Sanitizer/ Disinfectant

- 58% isopropyl + quaternary ammonia
- Clean, sanitize and disinfect surfaces with one product
- 10 second kill on contact surfaces
- Highly evaporative and ideal for water sensitive equipment and low moisture environments

1L bottle, 12/pk	SS1000312
5 gallon pail	SS10002





AloeSafe™ Antiseptic **Gel Hand Sanitizer**

AloeSafe™ hand sanitize with ethyl alcohol gel with Aloe Vera. Lavender Oil, and Vitamin E. without the harsh chemicals

- Formulated with Aloe and Vitamin E to keep from drvina
- Lavender Scent
- 62% Ethanol
- No Glycerin
- No Parabens
- Kill 99.9% of Bacteria



Volu-Sol Liquid Hand Sanitizer

- 68% Ethanol + Hydrogen Peroxide (WHO Formulation)
- Liquid formula will
- never clog dispenser Glycerol added to keep vour hands from drying
- CDC recommended formulation



500mL bottle.

16 oz. bottle.

ComfortPRO™ Disposable Lab Coats

These affordable, disposable lab coats are made of tri-laminated material.

- Coats are 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 chest and one at each hip
- Color Option: white or blue. Available in five sizes

30/case

Medium.....NEGU6073M XLargeNEGU6073XL LargeNEGU6073L



Loops and Spreaders

Available in a variety of formats to meet your personal needs.

SpeedStreaks™ 10µl Loops, disposable,
flexible, light blue,
25/pack, 1000/caseHS10F

L-Shaped Spreader, sterile, individually wrapped,



100% EMPLOYEE OWNED COMPANY



1430 West McCoy Lane Santa Maria, CA 93455 800.266.2222 Sales@HardyDiagnostics.com HardyDiagnostics.com



A Culture of Service™