

FOOD & BEVERAGE

Microbiology



HARDY
DIAGNOSTICS
A Culture of Service™

FOOD & BEVERAGE

Microbiology

Contents

- 1 Active Microbial Air Sampling
- 4 Hygiene Verification
- 5 Environmental Monitoring: Surface Sampling
- 6 Environmental Monitoring: Flock Floor Sampling
- 7 Environmental Monitoring: Sampling Sponges
- 8 Sample Prep
- 9 Dilution
- 10 Serial Dilution
- 11 Prepared Culture Media
- 14 Dehydrated Culture Media
- 16 Chromogenic Media
- 18 CompactDry™
- 20 Quality Control Organisms
- 21 Membrane Filtration
- 22 Rapid Tests
- 24 General Lab Supplies

Active Microbial Air Sampling



TRIO.BAS™
BIOLOGICAL AIR SAMPLER
MONO



**Data transfer to
PC capability**

Each kit includes:

TRIO.BAS™ MONO air sampler, induction battery charger and cable, aspirating head, cover head, ROBUSTUS carrying case, calibration certificate, and IQ, OQ, PQ fillable documents.



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

Product Description

MONO Kit, 100 liters/min., contact plate
MONO Kit, 100 liters/min., mono plate
MONO Kit, 200 liters/min., contact plate
MONO Kit, 200 liters/min., mono plate

Cat. no.

BAS200K
BAS201K
BAS205K
BAS206K



TRIO.BASTM
BIOLOGICAL AIR SAMPLER
DUO



Each kit includes:

TRIO.BASTM DUO air sampler, induction battery charger and cable, aspirating heads, cover heads, ROBUSTUS carrying case, calibration certificate, and IQ, OQ, PQ fillable documents.

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

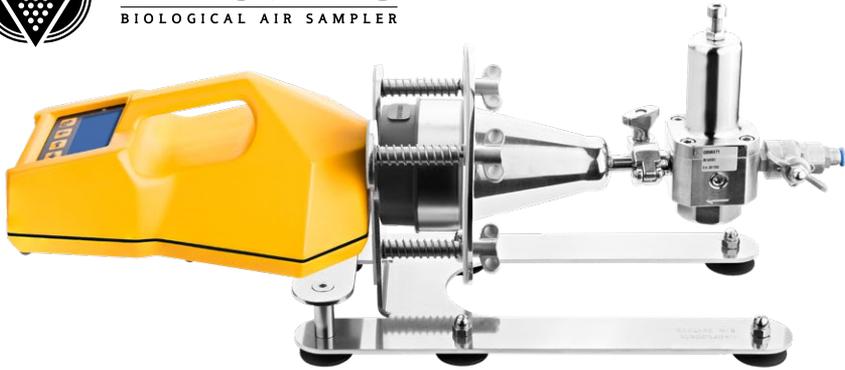


Product Discription

DUO Kit, 100 liters/min., contact plate
DUO Kit, 100 liters/min., mono plate
DUO Kit, 200 liters/min., contact plate
DUO Kit, 200 liters/min., mono plate

Cat. no.

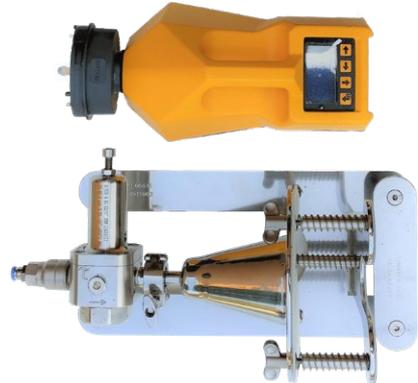
BAS220K
BAS221K
BAS225K
BAS226K



Designed to test the presence of microorganisms in compressed air or gas lines.

- Calibrated regulator guarantees 100 liters per minute flow rate
- Autoclavable with no disassembly required
- Automated to end sample after programmed volume is reached*
- Signal lets operator know sample is complete*
- Sampling data is retrievable for download via proprietary printer or dedicated software (MONO) or to record manually (MINI).
- No glass valves or meters to crack or break

*When used with MONO or MINI instrument



Each kit includes:

- Stainless steel electro-valve
- Gas connection
- Stainless steel fixing system for air sampler
- MINI or MONO unit
- Induction battery charger and cable
- Aspirating head
- Head cover
- Two IQ, OQ, PQ fillable documents
- LIGHT carrying case

Product Description

Cat. no.

<u>TRIO.GAS System + MONO air sampler, 100 liters/min., contact plate</u>	<u>BAS650K</u>
<u>TRIO.GAS System + MONO air sampler, 100 liters/min., Petri plate</u>	<u>BAS651K</u>
<u>TRIO.GAS System + MINI air sampler, 100 liters/min., contact plate</u>	<u>BAS654K</u>
<u>TRIO.GAS System + MINI air sampler, 100 liters/min., Petri plate</u>	<u>BAS655K</u>
<u>TRIO.GAS System Aspirating chamber kit, contact plate</u>	<u>BAS652K</u>
<u>TRIO.GAS System Aspirating chamber kit, Petri plate</u>	<u>BAS653K</u>

Hygiene Verification

PhosReader ATP Luminometer

The PhosReader ATP Luminometer is a device that rapidly and accurately measures adenosine triphosphate (ATP) levels from surface and water samples. With results available in seconds, this tool is commonly used for routine hygiene verification testing in places like kitchens and production spaces to ensure that surfaces are properly cleaned.

Benefits:

- Small and portable, which enables users to obtain results on site without any special equipment
 - Low power consumption- 10 hours battery life and up to 600 hours standby time
 - Quick 10-second result
 - Intelligent software- data can be uploaded to the dedicated PC software after the test
 - Built-in inclinometer that stops the test in case the incline angle is out of range
 - Bluetooth connectivity available (Bluetooth printer pairing)
 - Compatible with ATP-Flow Surface Test and ATP-Flow Total Water Test
- Each PHR1020

ATP-Flow

ProGnosis Biotech's advanced ATP surface and water testing series, known as **ATP-Flow**, provides an effective solution for hygiene monitoring and cleanliness verification.

ATP is a molecule used as an indicator to measure the presence of organic materials to assess cleanliness.

ATP-Flow swabs are designed for ATP surface testing, and ATP-Flow Total is designed to detect the presence of ATP in water samples.

ATP-Flow (Surface ATP Test)

ATP-Flow Total (Water ATP Test)



Cat. no.

SW1020

SW1120

LOK TIGHT™

Contact Plates
for Surface
Sampling

Environmental Monitoring SURFACE SAMPLING

Product Description	Cat. no.
Tryptic Soy Agar (TSA) - Use with TRIO.GAS!	P34
D/E Neutralizing Agar	P99
Eosin Methylene Blue (EMB)	P09
HardyCHROM™ ECC	P17
Malt Extract Agar (MEA)	P80, P93
Mannitol Salt Agar (MSA)	P98
Rose Bengal Agar with Chloramphenicol	P42
SabDex (Sabouraud Dextrose) Agar - Use with TRIO.BAS!	P36



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™	Specifications	Cat. no.
EnviroTrans™ Neutralizing Buffer	2ml, 20/bx 5ml, 20/bx	SRK20 SRK15
EnviroTrans™ Letheen Broth	5ml, 20/bx	SRK25
EnviroTrans™ Saline, 0.85%	0.5ml, 20/bx 2ml, 20/bx 5ml, 20/bx	SRK05 SRK30 SRK35
EnviroTrans™ D/E Neutralizing Broth	5ml, 20/bx	SRK45
EnviroTrans™ Neutralizing Saline	5ml, 20/bx	SRK55

Environmental Monitoring

SURFACE SAMPLING

PDX-SIB Salmonella (AOAC)

Presumptive results available within 24-48 hours for the most common *Salmonella* spp. (No sub-culturing or specimen transfers required). Color shift from purple to yellow indicates presence of *Salmonella* spp. AOAC-RI approved.

ENVIROMAX™ swab not included.

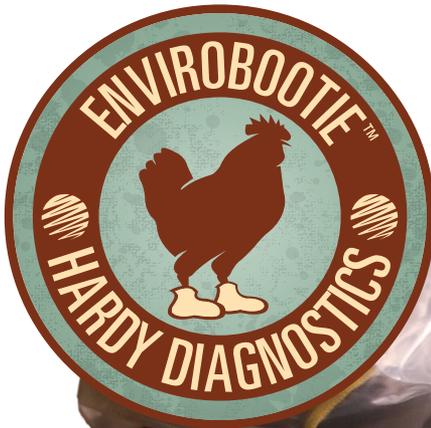
PDX-SIB Media, 25/case 2600325

EnviroMax® Swab, 250/bx 2588050PFB



Environmental Monitoring

FLOCK FLOOR SAMPLING



A collection system for monitoring *Salmonella* contamination in flock floor litter and other surfaces.

This one size fits all shoe cover is ready-to-use and pre-moistened with skim milk. This unique design allows for highly efficient sample collection, secure transport, pre-enrichment incubation, and disposal all in the same container! Simply remove the EnviroBootie™ from the sterile sample bag, place the boot swab over a plastic boot cover, then walk through the poultry barn. EnviroBootie™ can also be used as a sampling mitt for belts, feeders, and other recommended sampling surfaces.

EnviroBootie™

2 pre-moistened (2X skim milk) boot swabs per bag (Twil-em™ bag), 50/pk (100 total count)

EB50

1 pre-moistened (2X skim milk) boot swab per bag (Twil-em™ bag), 100/pk (100 total count)

EB100

Environmental Monitoring

SAMPLING SPONGES

Solar-Cult® Sponge-Stick (with Neutralizing Buffer)

This surface sampling device consists of a 3" x 1.5" (7.5 x 3.5 cm) biocide-free cellulose sponge pre-moistened with 10ml buffer. It offers a unique, quick sponge-release handle for fast and convenient sponge release. The stick includes a thumb stop to avoid accidental sponge contact.

100/bx

SH10NB1



Additional Sponges	Cat. no.
Sampling Sponge, Pre-moistened with Buffered Peptone Water	BS10BPW BS02BPW1
Sample Sponge, Pre-moistened with Butterfield's Phosphate Buffer	BS10BPB1 BS02BPB1
Sampling Sponge, Pre-moistened with DE Neutralizing Broth	BS10DE1 BS02DE1
Sampling Sponge, Pre-moistened with Neutralizing Buffer	BS10NB1 BS02NB1
Dry Speci-Sponge® in a (18oz) Whirl-Pak® Bag	B01245WA



Sample Prep

BagMixer® 100 Minimix™ Blender

The smallest blender in the world! Digital screen and window door, easily control speed and time of blending and quickly obtain a ready-to-analyze sample, with no risk of cross-contamination.

Laboratory Paddle Blender (homogenizer, masticator), with window door, removable paddles.

Each 100WCC



Whirl-Pak® Blender Bag

These bags are designed for quick testing and disposal. Usually, the sample is homogenized, tested, and then discarded. The bags are sterilized and made of heavy-duty polyethylene. Bags are packaged with 50 in a sealed liner bag. Cut the liner and pull the bag out by the bottom. These are Whirl-Pak® quality without the wire-closing tab. 37.5cm x 50cm, 4ml (.102mm) thick.

250/bx

B01474WA



Dilution



Our pre-filled Dilulok™ dilution vial is designed especially for the food, dairy, and water industries. Each lot is meticulously tested for pH, sterility, and fill volume. Designed and packaged to eliminate leaking.



Heavy Duty

Vials are made of sturdy polypropylene with a leak-proof seal that holds up even during air transport.

Large Opening

A wide 45mm opening accommodates most sample sizes. Each vial is clearly marked with a 90ml and 99ml fill line.

One-Handed

Flip-top lid allows for easy one-handed opening and closing to make pipeting easier. Saves unnecessary motion! No awkward screw caps or plastic strips to tear off.

Variety

Available with peptone water, buffered peptone water, butterfield's buffer, deionized water, phosphate buffer with MgCl, and as an empty sterile container (Cat. no. 3538).

Leak-Proof

Re-engineered for an improved seal. Easy-to-remove, perforated, shrink wrap ensures product integrity.

EnviroTrans™	Specifications	Cat. no.
Butterfield's Phosphate Buffer	90ml fill, 50/pk 99ml fill, 50/pk	D590 D599
Phosphate Buffer with MgCl	90ml fill, 50/pk 99ml fill, 50/pk	D690 D699
Peptone Water 0.1% (Irradiated)	90ml fill, 50/pk 99ml fill, 50/pk	D290 D299
Deionized Water	90ml fill, 50/pk 99ml fill, 50/pk	D090 D099
Buffered Peptone Water	90ml fill, with 1% Tween® 20, 50/pk 90ml fill, 50/pk	D085 D080

Serial Dilutions

Diligent Shaker for use with Dilucup® Elegance!

by LabRobot

The Diligent 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 (Diligent and Diligent Pro only)
- Able to record sample ID and user ID (Diligent and Diligent Pro only)
- Full connectivity to LIMS (Diligent Pro only)
- Optional Footswitch, Cat. no. 40FSO2

Product Discription	Cat. no.
Diligent Shaker Light Store up to 2 templates. Data retrieval is manual only.	40DGT84LT
Diligent Shaker Standard Version Record sample ID, technical or user ID. Bar code scanner capability. Store up to 10 templates. Export data to USB.	40DGT84SD
Diligent Shaker Pro LIMS connectivity and traceability for data. Record sample ID, technical or user ID. Bar code scanner capability. Store up to 10 templates.	40DGT84SD
Dilucup® Elegance 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

Prepared Culture Media



Please visit our website or contact your sales representative for full product description, all available fill options, and instructions for use.

Product	Cat. no. (see website for complete descriptions)
Bacillus Cereus Selective Agar	G156
Baird-Parker Agar	G96
Bile Esculin Agar (BEA)	G12
Blood Agar, 5%	A10
Brain Heart Infusion (BHI) Agar	L35
Brilliant Green Agar	G175, G75
Brilliant Green Bile Broth	K66, K09
Brucella Agar with H & K	A30
Brucella Broth	R18
Buffered Listeria Enrichment Broth (BLEB) Base, BAM Formulation	U233
Buffered Listeria Enrichment Broth (BLEB) Selective Supplement	K183
Buffered Peptone Water	U142, U143, K107, K195
Butterfield Phosphate Buffer	U154, U150, U190, U290, U123, K119, K208, K109, K209
Campy Cefex Agar, Modified	A122
Campylobacter (CVA) Agar	A40
CIN Agar	G20
Columbia Blood Agar	A16, A16BX
Cooked Meat Medium	K219
CT-SMAC for E. coli O157	G129

Prepared Culture Media

D/E Neutralizing Media	G224, K108, U76, U75
Dichloran Rose Bengal Chloramphenicol (DRBC) Agar	G389, W89
EC Medium	K63
EC Medium with MUG	K18
Eosin Methylene Blue (EMB) Agar Levine	G25
Fraser Broth Base	K98
Fluid Thioglycollate Medium, USP	K121, U43, U41, U207
Hektoen Enteric (HE) Agar	G63
Inhibitory Mold Agar	W25, X20, L47, W27
KIA Medium (Kligler Iron Agar)	L70, R70
Lactobacilli MRS Agar	G117
Lactose Broth	U145, U146
Lauryl Tryptose Broth	K33, K61, K32
Lysine Iron Agar, Modified	G86
MacConkey Agar	G35
Mannitol Yolk Polymyxin (MYP) Agar	G147
Mannitol Salt Agar	G40
MIO Medium Motility, Indole, Ornithine (MIO)	Q20, R24
SHIBAM Agar	A146
Motility Test Medium	Q10, Q11
MR-VP Broth	K237, K37
Neomycin Anaerobic Blood Agar	A62
Neutralizing Buffered Peptone Water	U482
Nitrate Broth	K42
Nutrient Agar	W51, L20
Orange Serum Agar	G181
Oxford, Medium, Modified	G46
PALCAM Medium	G149
Phenol Red Broth with Dextose	Y304
Potato Dextrose Agar (PDA), USP	W60, H51, L90, Q29, U294
Potato Dextrose Agar with TA	W96
Rappaport-Vassiliadis (Broth), USP	K246
Rose Bengal Agar with Chloramphenicol	W87

SabDex (Sabouraud Dextrose) Agar	W20, H39, Q31, L40, U227, U352, U270, U353
SabDex Agar with Lecithin and Tween 80	W71, Q75, U175, U431
Selenite Cystine Broth	K69
SIM Medium	Q30
Simmons Citrate Agar	L80
Standard Methods Agar	G43, G44, U395, Q21, U95, U295
Sterile Deionized Water	U85
TCBS Agar	G55
Tetrathionate Broth Base	K65, U165, Z129
Tetrathionate Broth with Brilliant Green	K164
Tryptic Soy Agar (TSA)	G60, H19, G62, G41, U49, U361, U174, L60, Q58, Q13
Tryptic Soy Broth (TSB) Media	U44, U42, U65, U67, U225, U70, U80, U229, U134G, U223, U133, U205, U261, U241, U71, R36, R31, R41, R30, K131, K89, K88, K82, K83, K134
Tryptone Glucose Extract Agar	G115
Triple Sugar Iron (TSI) Agar	R32, L50
Tween® 80	U180
UVM Broth	U153, U51
Violet Red Bile Agar	G78, U296
Vogel and Johnson Agar	G193
XLD Agar, USP	G65
XL4 Agar	G165
Yeast and Mold Agar (YM)	G01



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. Innovative packaging designs and overall reliability make CRITERION™ the logical choice for culture media in your laboratory.



Visit our catalog for a full product listing!



Product	2L Mylar Zip-Bag	500gm Bottle	2kg Bucket	10kg Bucket
A-1 Medium	C7570	C7571	C7572	C7573
Brain Heart Infusion Agar	C5120	C5121	C5122	C5123
Brain Heart Infusion Broth	C5140	C5141	C5142	C5143
Brilliant Green Bile Broth	C5250	C5251	C5252	C5253
Buffered Peptone Water	C5320	C5321	C5322	C5323
Dextrose Tryptone Agar	C5630	C5631	C5632	C5633
EC Medium	C5690	C5691	C5692	C5693
EC Medium with MUG	C5680	C5681	C5682	C5683
EMB Agar, Levine	C5700	C5701	C5702	C5703
Half Fraser Broth Base	C8040	C8041	C8042	C8043
Hektoen Enteric (HE) Agar	C5840	C5841	C5842	C5843
Lactobacilli MRS Broth	C5930	C5931	C5932	C5933
Lactose Broth	C5940	C5941	C5942	C5943
Lauryl Tryptose Broth	C5980	C5981	C5982	C5983
Lauryl Tryptose Broth with MUG	C5990	C5991	C5992	C5993
Lethen Agar, Modified	C7900	C7901	C7902	C7903
Lethen Broth Modified	C7640	C7641	C7642	C7643
m Endo LES Agar	C7410	C7411	C7412	C7413
MacConkey Agar	C6130	C6131	C6132	C6133
MacConkey Agar w/Sorbitol	C6170	C6171	C6172	C6173
MacConkey Broth	C6140	C6141	C6142	C6143

Product	2L Mylar Zip-Bag	500gm Bottle	2kg Bucket	10kg Bucket
Malt Extract Agar	C6200	C6201	C6202	C6203
Mueller Hinton Agar	C6420	C6421	C6422	C6423
Mueller Hinton Broth	C7520	C7521	C7522	C7523
MYP Agar Base	C7400	C7401	C7402	C7403
Neutralizing Buffered Peptone Water	C9240	C9241	C9242	C9243
Nutrient Agar	C6460	C6461	C6462	C6463
Orange Serum Agar	C7510	C7511	C7512	C7513
Potato Dextrose Agar (PDA)	C6620	C6621	C6622	C6623
Presence-Absence Broth	C6630	C6631	C6632	C6633
Rapp-Vass (MSRV) Med Base	C6740	C6741	C6742	C6743
Selenite Cystine Broth	C6920	C6921	C6922	C6923
Standard Methods Agar	C6980	C6981	C6982	C6983
Tetrathionate Broth Base 8	C7060	C7061	C7062	C7063
Tryptic Soy Agar (TSA)	C7120	C7121	C7122	C7123
Tryptic Soy Broth (TSB)	C7140	C7141	C7142	C7143
Violet Red Bile Agar (VRBA)	C7260	C7261	C7262	C7263
Violet Red Bile Agar with MUG	C7250	C7251	C7252	C7253
W-L Nutrient Medium	C7300	C7301	C7302	C7303
XLD Agar	C7320	C7321	C7322	C7323

Petri Plates

Hardy Diagnostics offers an extensive line of sterile Petri plates for all your media-making needs.

Contact us for a complete list.

15x100mm, with stacking ring, 520/case 3561

15x100mm, without stacking ring, 500/case 3301

15x100mm, with stacking ring, 20/bag 330120



Scoops (disposable)

These sterile sampling spoons come in four sizes and minimize potential personal contact with sampled material. Sterile, disposable, individually wrapped.

¼ Teaspoon, 200/pk 56925109

1 Tablespoon, 200/pk 56925197

Chromogenic Media

HardyCHROM™

HardyCHROM™ ECC (*E. coli* and Coliforms)

For the detection, differentiation, and enumeration of *Escherichia coli* and other coliforms in food, water, or environmental samples based on colony color.

15x100mm plate,
10/pk

G303

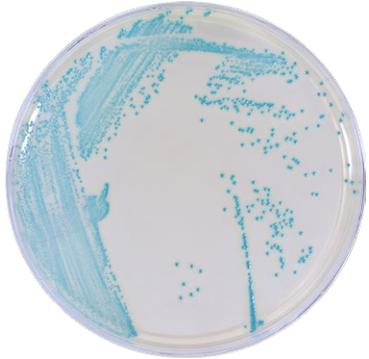


HardyCHROM™ Listeria

For the selective isolation, differentiation, and enumeration of *Listeria monocytogenes* from food and environmental samples by colony color and appearance. *L. monocytogenes* colonies will turn turquoise with a distinctive white halo.

15x100mm plate,
10/pk

G317



HardyCHROM™ O157

For the isolation of enterohemorrhagic *E. coli* O157 from food and environmental sources. Chromogenic substances in the media facilitate detection by colony color.

15x100mm plate,
10/pk

G305



HardyCHROM™ Sakazakii

For the selective isolation and differentiation of *Cronobacter* (*Enterobacter*) *sakazakii* from other members of the Enterobacterales family based on colony color.

15x100mm plate,
10/pk

G315



HardyCHROM™ Salmonella

A differential medium that facilitates the isolation and differentiation of *Salmonella* spp. from other members of the Enterobacterales.

15x100mm plate, 10/pk

G309

HardyCHROM™ Salmonella/XLT-4
Agar Biplate

15x100mm, 10/pk

J37



HardyCHROM™ Staph aureus

For the rapid and reliable detection of *Staphylococcus aureus*. This medium contains a special chromogenic mix that allows for the isolation and differentiation of *Staphylococcus* spp.

15x100mm plate, 10/pk

G311



HardyCHROM™ Vibrio

use as a selective and differential growth medium for the cultivation, isolation, and differentiation of *Vibrio* spp. from food and environmental samples.

15x100mm plate, 10/pk

G319



CompactDry™

There is always a better way.

CompactDry™ is a ready to use system reducing the time needed to perform microbial colony counting on food, beverage, meat, cosmetics, and raw materials. Place 1ml of sample onto the CompactDry™ plate and incubate. Colonies grow and develop specific colors due to chromogenic substrates, providing for easy organism differentiation and counting.

Room Temperature Storage

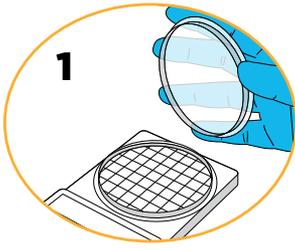
CompactDry™	Incubation Temperature	Incubation Time
Total Count	35 °C	44-48 hrs.
E. coli & Coliforms	35 °C	20-24 hrs.
Yeast and Mold	25 °C	3-5 days
Yeast and Mold Rapid	25 °C	48 hrs.
Enterobacteriaceae	35-37 °C	24 hrs.
<i>Staphylococcus aureus</i>	35 °C	24 hrs.
<i>Listeria</i>	35-37 °C	24-28 hrs.
<i>Salmonella</i>	41-43 °C	20-24 hrs.



AOAC Approved	MicroVal Approved	NordVal Approved
BC, ETB, EC, TC, TCR, YM, YMR, XSA	BC, EC, ETB, SL, TC, YM, YMR, XSA	EC, ETB, TC, YM, YMR, XSA

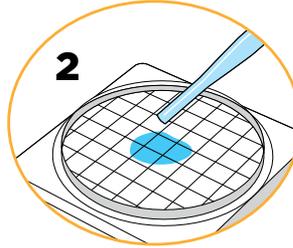


How to use



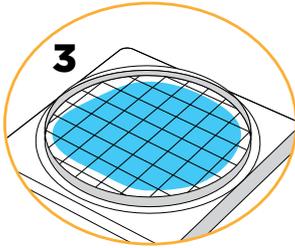
1

Remove protective lid from CompactDry™ plate.



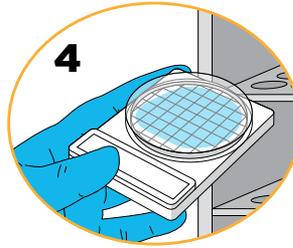
2

Drop 1ml of sample (dilute if necessary) in the middle of dry media.



3

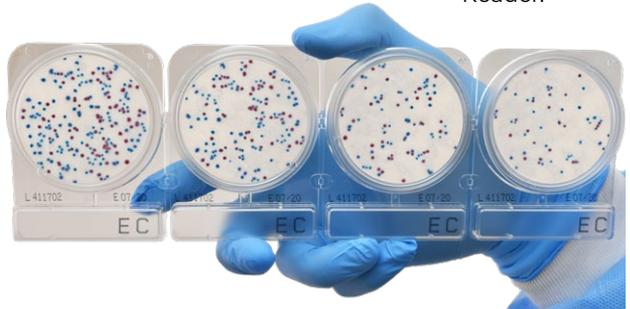
Sample diffuses automatically, transforming the dry medium to gel.



4

Re-cap and incubate for prescribed time. Count the number of colonies manually or on the new Wizard™ CompactDry™ Reader.

Incubation Temperature and Time



CompactDry™	Description	Cat. no.
TC (Total Count)	For total viable bacterial count. Colonies appear red. 240/pk	54081
EC (E. coli and Coliforms)	Contains two kinds of chromogenic substrates: Coliforms turn red. <i>E. coli</i> turns blue. 240/pk	54082
YM/YMR (Yeast and Mold)	Yeasts and mold can be differentiated by color. Molds form colonies with a blueish color. 240/pk	54083 54084
ETB (Enterobacteriaceae)	For the isolation and quantification of Enterobacteriaceae that will appear magenta in color. Genera of Enterobacteriaceae consists of: <i>Citrobacter</i> , <i>Enterobacter</i> , <i>Escherichia</i> , <i>Klebsiella</i> , <i>Morganella</i> , <i>Proteus</i> , <i>Salmonella</i> , <i>Serratia</i> , <i>Shigella</i> , <i>Yersinia</i> and more. 100/pk	ETB100
XSA (<i>Staphylococcus aureus</i>)	For the selective growth and differentiation of <i>Staphylococcus aureus</i> . Its growth results in blue green colonies. 240/pk	54086
LS (<i>Listeria</i>)	For the selective growth, presumptive identification, and enumeration of <i>Listeria</i> spp. 100/pk	LS100
SL (<i>Salmonella</i>)	Determines the presumptive identification and enumeration of <i>Salmonella</i> spp. Colonies of <i>Salmonella</i> will turn green or blue-green with or without black centers due to the presence of chromogenic substances. 240/pk	54085

Quality Control Organisms

Microbiologics®



UV-BioTAG

UV-BioTAG™ microorganisms contain a Green Fluorescent Protein (GFP) marker integrated into the chromosome that produces fluorescence of the culture visible under UV light. This allows for easy differentiation of these control strains from contaminants. Available in swab and vial formats,

UV-BioTAG is an easy-to-use solution for quality control in food labs.

- Qualitative product features instant-dissolve pellet to reduce preparation time
- GFP reporter is integrated into the chromosome to provide superior stability
- Assists labs with investigations of positive test results with quick and reliable differentiation of control strains
- Thoroughly tested to ensure authenticity, stability and compatibility with detection technologies

Description	UOM	Cat. no.
<i>Escherichia coli</i> (O157:H7) EC43 derived from FDA ESC1177 (STEC)	6 swabs	01227UVS
<i>Escherichia coli</i> (O157:H7) EC43 derived from FDA ESC1177 (STEC)	6 vials	01227UVV
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Senftenberg Sal59 derived from FDA SAL5697	Each	01226UVS
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Senftenberg Sal59 derived from FDA SAL5697	6 vials	01226UVV
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium Sal54 derived from FDA SAL5694	6 swabs	01223UVS
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium Sal54 derived from FDA SAL5694	6 vials	01223UVV
<i>Shigella flexneri</i> SF84 derived from FDA SHI0552	6 swabs	01224UVS
<i>Shigella flexneri</i> SF84 derived from FDA SHI0552	6 vials	01224UVV

Membrane Filtration

Sartorius Microsart®

A system that enables you to select the optimal hardware and consumables for your needs in microbiological analysis or particle count in quality assurance. Microsart® features a modular design and offers field-proven standard accessories to make your choice easier. At the heart of the Combisart® system is a stainless steel manifold designed to accommodate all types of filter holders and funnels.



Media for Membrane Filtration	Cat. no.
Barney Miller Medium	G93
Lactobacilli MRS Agar	G197
mEI Agar	G124
m Endo LES Agar	G128
m-FC with 1% Rosolic Acid	G126
m-HPC Agar	G95
m-PA Agar	G133
Nutrient Agar with MUG	G114
Orange Serum Agar	G91
Potato Dextrose Agar (PDA) with Tartaric Acid	G94
Pseudomonas Isolation Agar	G145
R2A Agar	G03
Sabouraud Dextrose Agar (SabDex) with Gentamicin and Chloramphenicol	G159
Skim Milk Agar	G138
Tryptic Soy Agar (TSA) Plate	G151

Rapid Tests



CoaguStaph™ Rabbit Coagulase Plasma with EDTA

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

6x3ml	Z003
6x20ml	Z020

E. coliPRO™ O157 Latex Agglutination Test Kit

A latex agglutination test for the presumptive detection of *E. coli* serogroup O157 antigen from colonies isolated from culture media.

50 test/kit	PL070HD
-------------	---------



Microgen® Listeria-ID Identification Panel

Microgen® Listeria-ID has been designed to enable laboratories to properly identify and differentiate *Listeria* spp. species when sampled from a single colony isolated on selective agar plates.

20 test/kit	MID67
-------------	-------



Microgen® Legionella Latex Test

A latex slide agglutination test for identifying *Legionella pneumophila* from culture media. Identifies *Legionella pneumophila* serogroup 1 and serogroups 2-15. High specificity (no need for a control latex), and high sensitivity. Results available in two minutes.

- Sensitivity: 100%
- Specificity: 100%

50 test/kit

M45



StaphTEX™ Blue Latex

A slide latex agglutination test for the identification of *Staphylococcus aureus* from culture media. Tests for both the Clumping Factor and Protein A found in *Staphylococcus aureus*. Clumping Factor is detected in both free and bound form. Blue latex on white card for easy read-out. Liquid controls are included.

50 tests

ST50

100 tests

ST200

200 tests

ST1000



General Lab Supplies

Adenna Precision® Nitrile Gloves

Adenna Precision powder-free nitrile exam gloves are ultra-soft and stretchy, designed to be comfortable for long-term wear. They are 100% latex-free and have a textured surface, providing excellent grip for wet and dry applications with superior puncture, tear, and chemical resistance. They are 100% synthetic and latex free.

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

Extra Small	PCS770
Small	PCS772
Medium	PCS775
Large	PCS776
Extra Large	PCS778



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

90 wipes per canister,	
6 canisters per case	SSW0001
160 wipes per canister,	
6 canisters per case	SSW0002
1L bottle, 12/pk	SS1000312
5 gallon pail	SS10002

AloeSafe™ Antiseptic Gel Hand Sanitizer

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

- 62% Ethanol
- No glycerin
- No parabens
- Kills 99.9% Of bacteria

2 oz. bottle, Each	AS2HD
4 oz. bottle, Each	AS4HD
16 oz. bottle, Each	AS16HD

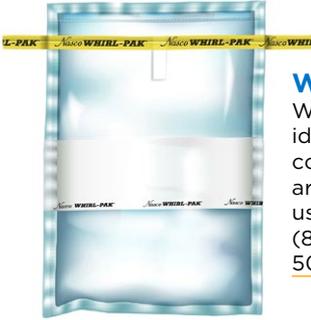


Whirl-Pak® 18 oz. Stand-Up Bag

A special gusset creates a flat bottom when the sample is placed in the bag, allowing the bag to stand completely on its own. May be used to hold liquids or solids and has a convenient write-on strip. Dimensions: 11.5x23cm.

500/pk

B01365WA



Whirl-Pak® 24 oz. Sterile Bag

White write-on strip to make sample identification easier and more convenient. Volume and dimensions are approximate; bags should not be used at temperatures above 180°F (82°C). Dimensions: 15x23cm.

500/pk

B01297WA

Flip-Lok™ Empty, Sterile Vials

The Flip-Lok™ Vial is an empty, sterile container designed for preparing your own dilution vials. Ideal for various laboratory and research applications. 145ml volume.

250bx

3538



SureTight™ Sterile Specimen/Sample Cup

A tight sealing lid ensures that your sample will arrive in the lab safe and dry. Tamper-proof sterility tab ensures sample integrity.

90ml cups, 400/case

243810

ComfortPro Disposable Lab Coats

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

Medium

NEGU6073M

Large

NEGU6073L

Extra Large

NEGU6073XL



Visit HardyDiagnostics.com for our full offering of Pipettes





HARDY DIAGNOSTICS

A Culture of Service™



40 Years of
Bringing You
A Culture of Service



100%
Employee Owned



Hardy Diagnostics
donates 1% of net
profits to charity.



FM 572526

Hardy Diagnostics has a Quality Management System that is certified to ISO 13485 and is a FDA licensed medical device manufacturer.

Headquarters

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

Distribution Centers

Santa Maria, California
Olympia, Washington
Salt Lake City, Utah
Phoenix, Arizona
Dallas, Texas
Des Moines, Iowa
Springboro, Ohio
Lake City, Florida
Albany, New York
Raleigh, North Carolina