

Microbial Examination of **NON-STERILE PRODUCTS**




USP <60>

USP <61>

USP <62>

USP <1115>



Microbial Examination of **NON-STERILE PRODUCTS**

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Hardy Diagnostics Media Formulations

USP/EP/JP Compliance

Hardy Diagnostics products meet or exceed all USP harmonized specifications.

Quality Assurance

Hardy Diagnostics is a premier supplier of sterility testing, microbial limits testing, and environmental monitoring products. Our rigorous quality control program and ISO 13485 certified facility ensure all Hardy Diagnostics products provide the highest quality and performance characteristics.

USP <60> Tests for *Burkholderia cepacia* complex

For the selective isolation and differentiation of *Burkholderia cepacia*.

Burkholderia cepacia Selective Agar (BCSA)

| Format | Fill | Pack Size | Cat. no. |
|----------------|------|-----------|----------|
| 15x100mm Plate | 18ml | 10/pk | G09 |

USP <61> Microbial Enumeration Tests

Tryptic Soy Agar (TSA)

| Format | Fill | Pack Size | Cat. no. |
|---------------------------------------|-----------|----------------|-------------|
| 15x100mm Plate | 18ml | 10/pk & 100/pk | G60 / G60BX |
| 15x100mm Plate | 26ml | 10/pk | W64 |
| 15x150mm Plate | 69ml | 10/pk | H19 |
| 20x125mm Glass Tube | 18ml deep | 20/pk | Q58 |
| 20x150mm Glass Tube | 20ml deep | 100/pk | Q85 |
| 236ml Glass Bottle, Screw Cap | 150ml | 20/pk | U49 |
| 236ml Glass Bottle, Screw Cap | 200ml | 12/pk | U260 |
| 473ml Glass Bottle, Screw Cap | 400ml | 12/pk | U360 |
| 500ml Glass Bottle, Screw Ca | 500ml | Each | U158 |
| 500ml Polycarbonate Bottle, Screw Cap | 500ml | 10/pk | U361 |

Tryptic Soy Broth (TSB)

| Format | Fill | Pack Size | Cat. no. |
|--|-------|-----------|----------|
| 59ml Glass Bottle, Screw Cap | 50ml | 24/pk | U44 |
| 100ml Glass Bottle, Needle-Port Septum | 100ml | 20/pk | U46 |
| 118ml Glass Bottle, Screw Cap | 100ml | 20/pk | U42 |
| 180ml Wide Mouth Glass Jar, Screw Cap | 100ml | 12/pk | U71 |
| 236ml Wide Mouth Glass Jar, Screw Cap | 90ml | 12/pk | U133 |
| 500ml Glass Bottle, Needle-Port Septum | 300ml | 10/pk | U421 |
| 500ml Glass Bottle, Needle-Port Septum | 500ml | 10/pk | U274 |

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

| Format | Fill | Pack Size | Cat. no. |
|---|-------|-----------|----------|
| 20x125mm Glass Tube | 9ml | 20/pk | K134 |
| 20ml Serum Vial | 10ml | 50/pk | U423 |
| 180ml Wide Mouth Polycarbonate Jar, Screw Cap | 99ml | 12/pk | U292 |
| 500ml Glass Bottle, Needle-Port Septum | 300ml | 10/pk | U425 |
| 500ml Polypropylene Bottle | 500ml | 10/pk | U229 |

SabDex Agar

| Format | Fill | Pack Size | Cat. no. |
|---------------------------------------|-------|-----------|----------|
| 15x100mm Plate | 26ml | 10/pk | W70 |
| 500ml Polycarbonate Bottle, Screw Cap | 500ml | 10/pk | U353 |
| 473 ml Glass Bottle, Screw Cap | 400ml | 12/pk | U352 |

SabDex Agar with Lecithin and Tween® 80

| Format | Fill | Pack Size | Cat. no. |
|---------------------------------------|-------|-----------|----------|
| 473 ml Glass Bottle, Screw Cap | 400ml | 20/pk | U431 |
| 500ml Polycarbonate Bottle, Screw Cap | 400ml | 10/pk | U175 |

SabDex Broth

| Format | Fill | Pack Size | Cat. no. |
|--|-------|-----------|----------|
| 125ml Polycarbonate Bottle, Needle-Port Septum | 100ml | 16/pk | U73 |

USP <61> <62> Recommended Buffer Solutions

| Description | Format | Fill | Pack Size | Cat. no. |
|---------------------------------------|---------------------------------------|-------|-----------|----------|
| Buffered Sodium Chloride-Peptone, USP | 500ml Polycarbonate Bottle, Screw Cap | 500ml | 10/pk | U301 |
| Buffered Sodium Chloride-Peptone, USP | 180ml Wide Mouth Jar, Screw Cap | 90ml | 12/pk | U255 |
| Phosphate Buffer pH 7.2 | 500ml Polycarbonate Bottle, Screw Cap | 500ml | 10/pk | U438 |

USP <62> Tests for Specified Organisms

Test for Bile-Tolerant Gram-negative Bacteria

| Medium | Property | Test Strains* | Format | Fill | Pack Size | Cat. no. |
|-------------------------------------|-------------------------------|--|---------------------------------|-------|-----------|----------|
| EE Broth Mossel | Growth promoting | <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> | 180ml Wide Mouth Jar, Screw Cap | 90ml | 12/pk | U291 |
| | Inhibitory | <i>Staphylococcus aureus</i> | Dehydrated | 500gm | Each | C8711 |
| | | | Dehydrated | 2kg | Each | C8712 |
| | | | Dehydrated | 10kg | Each | C8713 |
| Violet Red Bile Glucose (VRBG) Agar | Growth promoting + Indicative | <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> | 15x100mm Plate | 18ml | 10/pk | G178 |
| | | | Dehydrated | 500gm | Each | C7271 |
| | | | Dehydrated | 2kg | Each | C7272 |
| | | | Dehydrated | 10kg | Each | C7273 |

Test for *Staphylococcus aureus*

| Medium | Property | Test Strains* | Format | Fill | Pack Size | Cat. no. |
|--------------------------|-------------------------------|------------------------------|----------------|-------|-----------|----------|
| Mannitol Salt Agar (MSA) | Growth promoting + Indicative | <i>Staphylococcus aureus</i> | 15x100mm Plate | 18ml | 10/pk | G40 |
| | Inhibitory | <i>Escherichia coli</i> | Dehydrated | 500gm | Each | C6231 |
| | | | Dehydrated | 2kg | Each | C6232 |
| | | | Dehydrated | 10kg | Each | C6233 |

Test for *Escherichia coli*

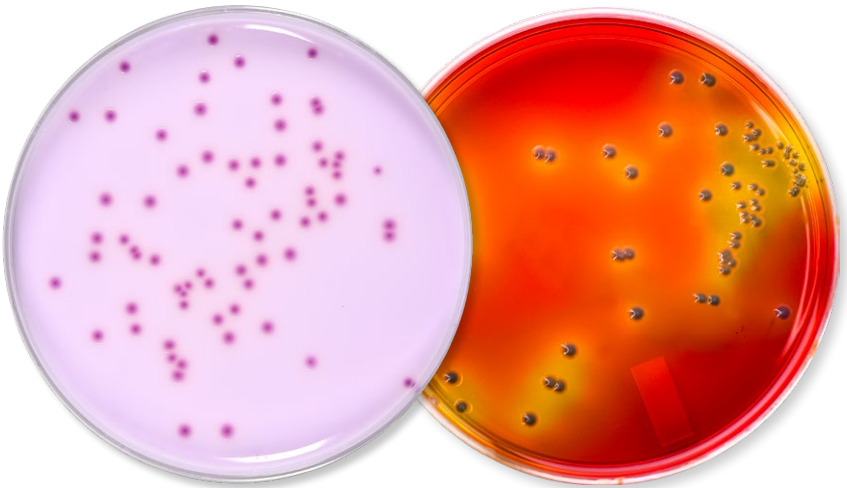
| Medium | Property | Test Strains* | Format | Fill | Pack Size | Cat. no. |
|-----------------|-------------------------------|------------------------------|---------------------------------|-------|-----------|----------|
| MacConkey Broth | Growth promoting | <i>Escherichia coli</i> | 180ml Wide Mouth Jar, Screw Cap | 100ml | 12/pk | U125 |
| | Inhibitory | <i>Staphylococcus aureus</i> | Dehydrated | 500gm | Each | C6141 |
| | | | Dehydrated | 2kg | Each | C6142 |
| | | | Dehydrated | 10kg | Each | C6143 |
| MacConkey Agar | Growth promoting + Indicative | <i>Escherichia coli</i> | 15x100mm Plate | 18ml | 10/pk | G35 |
| | | | 15x100mm Plate | 18ml | 100/pk | G35BX |
| | | | Dehydrated | 500gm | Each | C6131 |
| | | | Dehydrated | 2kg | Each | C6132 |
| | | | Dehydrated | 10kg | Each | C6133 |

Test for *Salmonella*

| Medium | Property | Test Strains | Format | Fill | Pack Size | Cat. no. |
|---|-------------------------------|--|---------------------|-------|-----------|----------|
| Rappaport-Vassiliadis Salmonella Enrichment Broth | Growth promoting | <i>Salmonella enterica</i> ser. Typhimurium or Abony | 16x125mm Glass Tube | 10ml | 20/pk | K246 |
| | Inhibitory | <i>Staphylococcus aureus</i> | Dehydrated | 500gm | Each | C6741 |
| | | | Dehydrated | 2kg | Each | C6742 |
| | | | Dehydrated | 10kg | Each | C6743 |
| Xylose Lysine Deoxycholate (XLD) Agar | Growth promoting + Indicative | <i>Salmonella enterica</i> ser. Typhimurium or Abony | 15x100mm Plate | 18ml | 10/pk | G65 |
| | | | Dehydrated | 500gm | Each | C7321 |
| | | | Dehydrated | 2kg | Each | C7322 |
| | | | Dehydrated | 10kg | Each | C7323 |

Test for *Clostridia*

| Medium | Property | Test Strains | Format | Fill | Pack Size | Cat. no. |
|----------------------------------|------------------|-------------------------------|-------------------------------|-------|-----------|----------|
| Reinforced Medium for Clostridia | Growth promoting | <i>Clostridium sporogenes</i> | 118ml Glass Bottle, Screw Cap | 100ml | 20/pk | U172 |
| | | | Dehydrated | 500gm | Each | C8721 |
| | | | Dehydrated | 2kg | Each | C8722 |
| | | | Dehydrated | 10kg | Each | C8733 |
| Columbia Agar | Growth promoting | <i>Clostridium sporogenes</i> | 15x100mm Plate | 18ml | 10/pk | G250 |
| | | | Dehydrated | 500gm | Each | C5451 |
| | | | Dehydrated | 2kg | Each | C5452 |
| | | | Dehydrated | 10kg | Each | C5453 |



Cat. no. G335
HardyCHROM™ Bcc
 (*Burkholderia cepacia* complex)

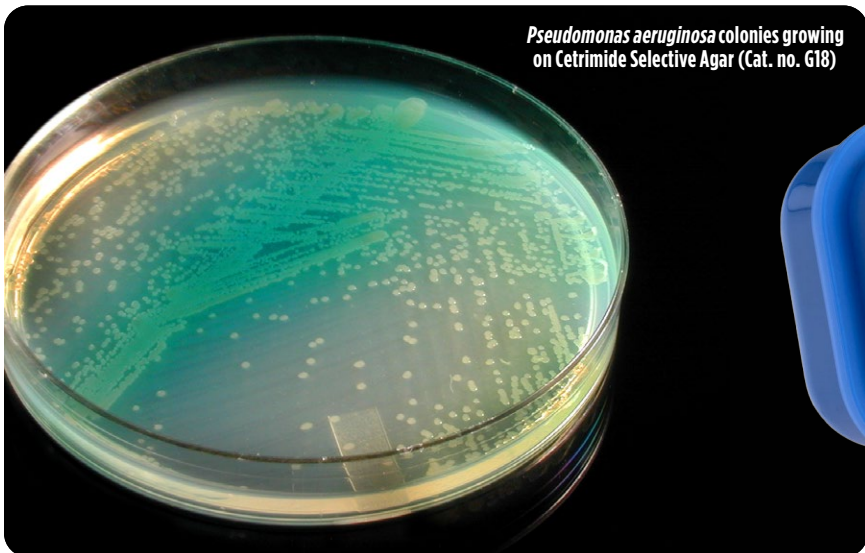
Cat. no. G09
Burkholderia cepacia Selective Agar
 (BCSA)

Test for *Candida albicans*

| Test/Medium | Property | Test Strains | Format | Fill | Pack Size | Cat. no. | | | |
|--|------------------|-------------------------|--|------------------|-------------------------|---------------------------------------|-------|-------|------|
| Sabouraud Dextrose (SabDex) Broth | Growth promoting | <i>Candida albicans</i> | 125ml Polycarbonate Bottle with Septum Cap | 100ml | 16/pk | U73 | | | |
| | | | Dehydrated | 500gm | Each | C7561 | | | |
| | | | Dehydrated | 2kg | Each | C7562 | | | |
| | | | Dehydrated | 10kg | Each | C7563 | | | |
| | | | Sabouraud Dextrose (SabDex) Agar | Growth promoting | <i>Candida albicans</i> | 15x100mm Plate | 26ml | 10/pk | W70 |
| | | | | | | 500ml Polypropylene Bottle, Screw Cap | 200ml | 10/pk | U270 |
| 473ml Boston Round Glass Bottle, Screw Cap | 200ml | 12/pk | | | | U227 | | | |
| 473ml Glass Bottle, Screw Cap | 400ml | 12/pk | | | | U352 | | | |
| | | | Dehydrated | 500gm | Each | C6811 | | | |
| | | | Dehydrated | 2kg | Each | C6812 | | | |
| | | | Dehydrated | 10kg | Each | C6813 | | | |

Test for *Pseudomonas aeruginosa*

| Test/Medium | Property | Test Strains | Format | Fill | Pack Size | Cat. no. | | |
|--------------------------|------------------|-------------------------------|----------------|-------------------------|------------|----------|------|-------|
| Cetrimide Selective Agar | Growth promoting | <i>Pseudomonas aeruginosa</i> | 15x100mm Plate | 26ml | 10/pk | G18 | | |
| | | | Inhibitory | <i>Escherichia coli</i> | Dehydrated | 500gm | Each | C5371 |
| | | | | | Dehydrated | 2kg | Each | C5372 |
| Dehydrated | 10kg | Each | | | C5373 | | | |



Pseudomonas aeruginosa colonies growing on Cetrimide Selective Agar (Cat. no. G18)

Microorganisms for Growth Promotion and Suitability



| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <60> <i>Burkholderia cepacia</i> (ATCC® 25416™) | Epower™ | 0488E7 |
| | EZ-Accu Shot™ | 0488A |
| | EZ-PEC™ | 0488PEC |
| | KWIK-STIK™ 6 Pack | 0488K |
| | KWIK-STIK™ 2 Pack | 0488P |
| | KWIK-STIK™ Plus | 0488X |
| | Lab-Elite™ CRM | 0488CRM |
| LYFO DISK™ | 0488L | |

| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <60> <i>Burkholderia cenocepacia</i> (ATCC® BAA-245™) | EPower™ | 01269E7 |
| | EZ-Accu Shot™ | 01269A |
| | KWIK-STIK™ 2 Pack | 01269P |
| | KWIK-STIK™ 6 Pack | 01269K |
| LYFO DISK™ | 01269L | |

| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <60> <i>Burkholderia multivorans</i> (ATCC® BAA-247™) | EPower™ | 01270E7 |
| | EZ-Accu Shot™ | 01270A |
| | KWIK-STIK™ 2 Pack | 01270P |
| | KWIK-STIK™ 6 Pack | 01270K |
| LYFO DISK™ | 01270L | |

| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <61> <i>Aspergillus brasiliensis</i> (ATCC® 16404™) | EPower™ | 0392E6 |
| | EZ-Accu Shot™ | 0392A |
| | EZ-CFU™ | 0392C |
| | EZ-CFU™ One Step | 0392Z |
| | EZ-PEC™ | 0392PEC |
| | KWIK-STIK™ 2 Pack | 0392P |
| | KWIK-STIK™ Plus | 0392X |
| | Lab Elite™ CRM | 0392CRM |

| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <61> <i>Bacillus spizizenii</i> (ATCC® 6633™) | Epower™ | 0486E6 |
| | EZ-Accu Shot™ | 0486A |
| | EZ-CFU™ One Step | 0486Z |
| | EZ-PEC™ | 0486PEC |
| | KWIK-STIK™ 2 Pack | 0486P |
| KWIK-STIK™ Plus | 0486X | |



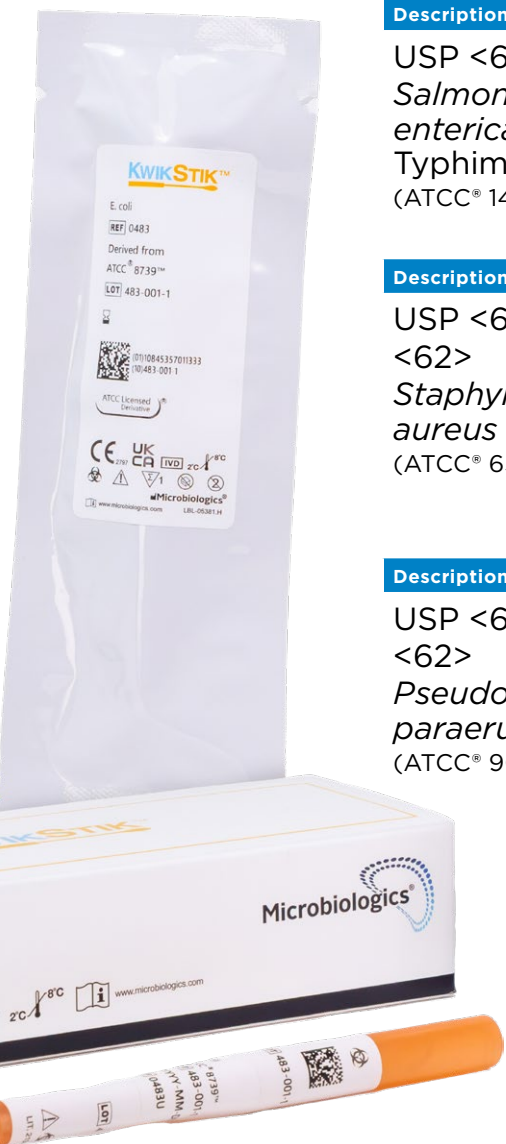
| Description | Format | Cat. no. |
|--|-------------------|----------|
| USP <61> <62> <i>Candida albicans</i> (ATCC® 10231™) | Epower™ | 0443E7 |
| | EZ-Accu Shot™ | 0443A |
| | EZ-CFU™ One Step | 0443Z |
| | EZ-PEC™ | 0443PEC |
| | KWIK-STIK™ 2 Pack | 0443P |
| | KWIK-STIK™ Plus | 0443X |

| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <62> <i>Clostridium sporogenes</i> (ATCC® 11437™) | Epower™ | 0487E3 |
| | EZ-Accu Shot™ | 0487A |
| | EZ-CFU™ One Step | 0487Z |
| | KWIK-STIK™ 2 Pack | 0487P |
| | KWIK-STIK™ Plus | 0487X |

| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <62> <i>Clostridium sporogenes</i> (ATCC® 19404™) | Epower™ | 0317E3 |
| | EZ-Accu Shot™ | 0317A |
| | EZ-CFU™ One Step | 0317Z |
| | KWIK-STIK™ 2 Pack | 0317P |
| | KWIK-STIK™ Plus | 0317X |

| Description | Format | Cat. no. |
|--|-------------------|----------|
| USP <62> <i>Escherichia coli</i> (ATCC® 8739™) | Epower™ | 0483E7 |
| | EZ-Accu Shot™ | 0483A |
| | EZ-CFU™ One Step | 0483Z |
| | KWIK-STIK™ 2 Pack | 0483P |
| | KWIK-STIK™ Plus | 0483X |
| | LYFO DISK™ | 0483L |





| Description | Format | Cat. no. |
|---|-------------------|----------|
| USP <62> <i>Salmonella enterica ser. Abony</i> (NCTC 6017) | Epower™ | 0890E7 |
| | EZ-Accu Shot™ | 0890A |
| | EZ-CFU™ | 0890C |
| | EZ-CFU™ One Step | 0890Z |
| | KWIK-STIK™ 6 Pack | 0890K |
| | KWIK-STIK™ Plus | 0890X |
| | Lab-Elite™ CRM | 0890CRM |
| | LYFO DISK™ | 0890L |

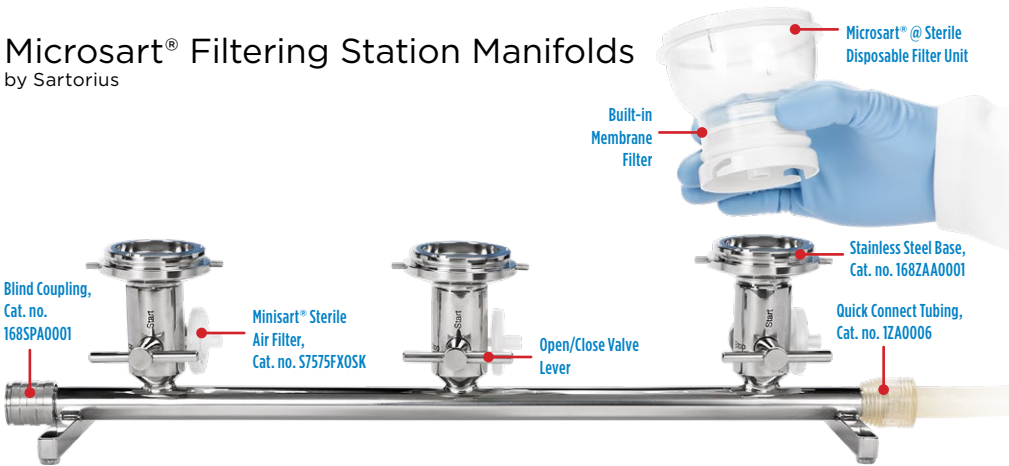
| Description | Format | Cat. no. |
|--|-------------------|----------|
| USP <62> <i>Salmonella enterica ser. Typhimurium</i> (ATCC® 14028™) | EZ-Accu Shot™ | 0363A |
| | EZ-CFU™ | 0363C |
| | EZ-CFU™ One Step | 0363Z |
| | KWIK-STIK™ 2 Pack | 0363P |
| | KWIK-STIK™ Plus | 0363X |
| | LYFO DISK™ | 0363L |

| Description | Format | Cat. no. |
|--|-------------------|----------|
| USP <60> <61> <62> <i>Staphylococcus aureus</i> (ATCC® 6538™) | Epower™ | 0485E7 |
| | EZ-Accu Shot™ | 0485A |
| | EZ-CFU™ One Step | 0485Z |
| | EZ-PEC™ | 0485PEC |
| | KWIK-STIK™ 2 Pack | 0485P |
| | KWIK-STIK™ Plus | 0485X |
| | LYFO DISK™ | 0827L |

| Description | Format | Cat. no. |
|--|-------------------|----------|
| USP <60> <61> <62> <i>Pseudomonas paraeruginosa</i> (ATCC® 9027™) | Epower™ | 0484E7 |
| | EZ-Accu Shot™ | 0484A |
| | EZ-CFU™ One Step | 0484Z |
| | KWIK-STIK™ 2 Pack | 0484P |
| | KWIK-STIK™ Plus | 0484X |
| | LYFO DISK™ | 0484L |

Membrane Filtration <61>

Microsart® Filtering Station Manifolds by Sartorius



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.

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

| Manifold Description | Cat. no. |
|----------------------|----------|
| 1-Branch | 168M1MS |
| 2-Branch | 168M2MS |
| 3-Branch | 168M3MS |
| 6-Branch | 168M6MS |



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 ultra-cleaning of small volume samples for the HPLC or GC analysis.

50/pk S7575FXOSK

Stainless Steel Blind Coupling

For 1, 3 and 6 place Microsart® Manifold.

Each 168SPA0001

Stainless Steel Base Support for Microsart® Manifold

For use of 47 mm Filter with Microsart® Funnels.

Each 168ZAA0001

Stainless Steel Base Support for Microsart® Manifold

For use with 47 or 50mm Biosart® 250 Funnels or 100ml/500ml Stainless Steel Funnels.

Each 168ZAB0001

Stainless Steel Double Coupling

For connecting two manifolds.

Each 168ZAC0001

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, guarantee smooth and reliable filtration.



For use with 1, 2 and 3 branch manifolds only

Microsart® e.jet Vacuum Pump

Each 166MP4

1 Meter Silicone Vacuum Hose with Quick Connection

Each 1ZAS0016

2 Meter Silicone Pressure-sided Tubing

Each 1ZAS0019

10m Silicone Pressure-sided Tubing

Each 1ZAS0020

Quick Connect Silicone Tubing

for connecting manifold with e.jet pump.

Each 1ZA0006

Quick Connect Silicone Tubing

for connecting e.jet pump with receptacle flask.

Each 1ZAS0007

Quick Connection Coupling

For Silicon Tubing, PSU.

2/pk 168SPB0001

Microsart® maxi.vac Pump

Especially designed to meet the requirements of microbiology laboratories. The absolute vacuum is limited to 100 mbar. The adjustable vacuum allows for trouble free working according to ISO 8199.

- 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



Each 1669416022

Microsart® @ Filters

100ml Volume

| Pore Size | Filter Color/Grid | Size | Cat. no. |
|------------------|-------------------|------|--------------|
| 0.2µm | White/Black | 24 | 16D011007TG |
| 0.2µm | White/Black | 27 | 16D011007ACG |
| 0.2µm | White/Black | 60 | 16D011007BL |
| 0.45µm High-Flow | White/Black | 24 | 16D0110H6TG |
| 0.45µm High-Flow | White/Black | 27 | 16D0110H6ACG |
| 0.45µm High-Flow | White/Black | 60 | 16D0110H6BL |
| 0.45µm High-Flow | Black/White | 27 | 16D0310H6ACG |
| 0.45µm High-Flow | Gray/White | 60 | 16D0310H6BL |

250ml Volume

| Pore Size | Filter Color/Grid | Size | Cat. no. |
|------------------|-------------------|------|--------------|
| 0.2µm | White/Black | 48 | 16D012507BK |
| 0.45µm High-Flow | Gray/White | 18 | 16D0325H6ACF |
| 0.45µm High-Flow | Gray/White | 48 | 16D0325H6BK |
| 0.45µm High-Flow | White/Black | 18 | 16D0125H6ACF |
| 0.45µm High-Flow | White/Black | 48 | 16D0125H6BK |
| 0.65µm | Gray/White | 48 | 16D032505BK |



Gridded Membrane Filters

Cellulose Nitrate (CN) Membrane Filter

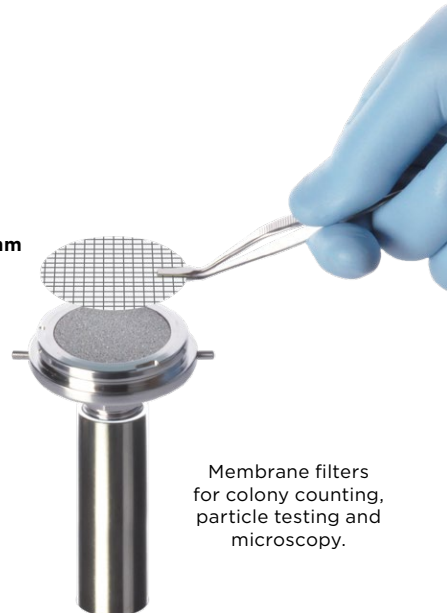
Individually wrapped on single sheet, sterile packed, 47mm

| Filter Color / Grid | Pore Size | Size | Cat. no. |
|---------------------|------------------|------|------------|
| White/black | 0.45µm | 100 | 1140647ACN |
| White/black | 0.45µm High-Flow | 100 | 114H647ACN |

*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



Membrane filters for colony counting, particle testing and microscopy.

Environmental Monitoring

Contact Plates for Surface Sampling



LOK TIGHT™

Non-Irradiated Contact Plates

Tryptic Soy Agar with Lecithin and Tween® 80, USP

For use as a general growth medium.

10/pk P34

Sabouraud Dextrose Agar

For the cultivation of fungi.

10/pk P36

Sabouraud Dextrose Agar with Lecithin & Tween® 80

For the cultivation of fungi from environmental samples.

10/pk P46

Malt Extract Agar with Lecithin and Tween® 80

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.

Triple bagged, P520

Red tinted plate,
triple bagged,
10/pk P520R

Sabouraud Dextrose Agar with Lecithin and Tween® 80, USP

For the cultivation of fungi.

Triple bagged, P595

Improved design with friction-fit lid and locking mechanism



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.



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

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 production spaces to ensure that surfaces are properly cleaned.

Benefits:

- Small and portable, which enables users to obtain results on site
- 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.



Distribution

ATP-Flow Surface (ATP Test)

ATP-Flow Total Water (ATP Test)

Cat. no.

SW1020

SW1120



TRIO.BASTM
BIOLOGICAL AIR SAMPLER

Active Microbial Air Sampling <1115>

Per USP <1115>: “...During non-sterile product manufacturing, the air sampling methods used for environmental monitoring are active or passive...monitoring programs should be risk based, and the frequency and number of sampling sites should reflect the risk level.”

- Instruments hold standard culture media (*see page 21*)
- Ergonomic and simple to use
- Delayed interval sampling
- Sample up to 70,000 liters of air on a full battery charge
- IP65 rated protection from dust and water



*AIRBIO DUO Shown
with DAILY SHIFT
HEADS (pg.17 & 19)

TRIO.BAS™ MINI Cable

Ideal for use in less critical environments



Each kit includes:

- TRIO.BAS™ MINI Bluetooth air sampler
- Battery charger and cable
- Aspirating head
- Cover head
- LIGHT carrying case
- Calibration certificate

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

Distribution

MINI Kit, 100 liters/min., contact plate

MINI Kit, 100 liters/min., Petri plate

MINI Kit, 200 liters/min., contact plate

MINI Kit, 200 liters/min., Petri plate

Cat. no.

BAS152K

BAS153K

BAS162K

BAS163K

TRIO.BAS™ MONO Induction



Each kit includes:

- TRIO.BAS™ MONO air sampler
- Induction battery charger and cable
- Aspirating head
- Cover head
- ROBUSTUS carrying case
- Calibration certificate
- IQ, OQ, PQ fillable document

Features:

- Delayed, interval sampling and remote start capabilities
- Bluetooth data transfer capability (requires an additional purchase, see page 20)
- Programmable place and personnel ID options
- No plugs or external connections

Distribution

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

Cat. no.

BAS200K
BAS201K
BAS205K
BAS206K

TRIO.BAS™ DUO Induction



Each kit includes:

- TRIO.BAS™ DUO air sampler
- Induction battery charger and cable
- Aspirating heads
- Cover heads
- ROBUSTUS carrying case
- Calibration certificate
- IQ, OQ, PQ fillable document

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
- Bluetooth data transfer capability (requires an additional purchase, see page 20)
- Programmable place and personnel ID options
- No plugs or external connections

Distribution

Cat. no.

DUO Kit, 100 liters/min., contact plate

BAS220K

DUO Kit, 100 liters/min., Petri plate

BAS221K

DUO Kit, 200 liters/min., contact plate

BAS225K

DUO Kit, 200 liters/min., Petri plate

BAS226K

TRIO.BAS™ AIRBIO DUO Cable

Work surface stability with two aspirating heads.



Picture shows the instrument with optional DAILY SHIFT HEADS in use.

Each kit includes:

- TRIO.BAS™ AIRBIO DUO Cable
- Two stainless steel aspirating heads
- Two stainless steel head covers
- Charging and data transfer cables
- Robustus carrying case
- Calibration certificate
- IQ, OQ, PQ fillable documents

Features:

- Use separate culture media at the same time to determine bacterial and fungal counts
- Programmable place and personnel ID options
- Bluetooth data transfer capability (requires an additional purchase, see page 20)
- Charges via cable: Sample up to 70,000 liters on a single battery charge

| Distribution | Cat. no. |
|--|----------|
| AIRBIO DUO cable, 100 liters/min., contact plate | BAS479K |
| AIRBIO DUO cable, 100 liters/min., Petri plate | BAS480K |
| AIRBIO DUO cable, 200 liters/min., contact plate | BAS481K |
| AIRBIO DUO cable, 200 liters/min., Petri plate | BAS482K |

TRIO.BAS™ AGC

An all-in-one instrument designed to meet all microbial environmental monitoring needs, including air sampling, gas sampling and instrument flow rate verification



Application:

Test for the presence of microorganisms in air/gas, and check the precision level of the instrument's flow rate. The AGC air sampler can support a flow rate of 100 liters per minute.

- Suitable for active microbial air sampling, testing compressed air (gas), and checking the calibration precision
- Annual calibration is recommended
- Input pressure capacity, 1-6 bar
- Aspirating head, aluminum bell and technopolymer bell are all autoclavable

Distribution

Cat. no.

AGC Microbial Air Sampler with cable, 100 liters/min., Petri plate

BAS670K

AGC Microbial Air Sampler with cable, 100 liters/min., contact plate

BAS671K

TRIO.BAS™ DAILY SHIFT HEADS

Individually packaged, sterile by irradiation, and includes a certificate of sterility assurance.

For use in place of stainless steel Aspirating Heads:
Technopolymer aspirating heads ready for immediate use.



Benefits of Daily Shift Heads:

- DAILY SHIFT HEADS offer convenience and time savings during periods of unusually heavy workloads
- DAILY SHIFT HEADS offer peace of mind in case of autoclave breakage or unavailability
- DAILY SHIFT HEADS can be used on the same day, on the same shift, inside the same cleanroom
- Semi-transparent to confirm agar plate has been properly inserted
- Six year shelf life from date of sterilization

Distribution

DAILY SHIFT HEAD, contact plate, 20/pk

DAILY SHIFT HEAD, Petri plate, 20/pk

Cat. no.

BAS340

BAS341

Prepared Culture Media

For passive and active air monitoring

Use as settling plates or with TRIO.BAS™ instruments

Petri Plates

| Product | Specifications | Cat. no. |
|--|---|----------|
| Malt Extract Agar | 15x100mm plate, 26ml fill, 10/pk | W28 |
| TSA (Tryptic Soy Agar), SterEM™, USP | Irradiated, 15x100mm plate, triple bagged, 34ml fill, 10/pk | W540 |
| Tryptic Soy Agar, USP | 15x100mm plate, 26ml fill, 10/pk | W64 |
| SabDex (Sabouraud Dextrose) Agar, SterEM™, USP | Irradiated, 15x100mm plate, triple bagged, 26ml fill, 10/pk | W565 |
| SabDex (Sabouraud Dextrose) Agar, USP | 15x100mm plate, 26ml fill, 10/pk | W70 |

Contact Plates

| Product | Specifications | Cat. no. |
|---|---|----------|
| TSA (Tryptic Soy Agar) with Lecithin and Tween® 80, USP | 15x65mm contact plate Lok-Tight™ friction lid, 10/pk | P34 |
| SabDex (Sabouraud Dextrose) Agar | 15x65mm contact plate Lok-Tight™ friction lid, 10/pk | P36 |
| Malt Extract Agar with Lecithin and Tween® 80 | 15x65mm contact plate Lok-Tight™ friction lid, 10/pk | P93 |
| TSA (Tryptic Soy Agar) with Lecithin and Tween® 80, USP | Irradiated, 15x65mm contact plate Lok-Tight™ friction lid, 10/pk | P520 |
| SabDex Agar with Lecithin and Tween® 80, USP | Irradiated, 15x65mm contact plate Lok-Tight™ friction lid, 10/pk | P595 |





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