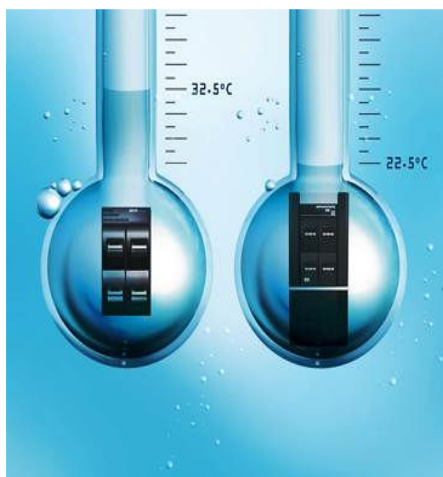


2013 e-Catalog - BioPharma & Cosmetics

Rapid Microbiology / Rapid Alternative MicroBiology / BacT/ALERT® 3D Dual-T Automated Sterility System



BacT/ALERT® 3D Dual-T - Automated Dual Temperature Sterility Testing System

BacT/ALERT Dual-T is an automated microbial detection system that performs sterility testing at two temperatures: 32.5°C and 22.5°C. Ease of use, objective results, reproducibility and traceability are hallmarks of BacT/ALERT's modular design.

Time-Tested and Trusted

Pharmaceutical and cell therapy companies worldwide trust the proven performance of BacT/ALERT to confidently release their products faster than traditional methods. Decreased time to detection yields shortened production cycles and quicker product release; shortening time to market and affording lean manufacturing through production agility.

Real-time, in-process monitoring yields valuable, actionable information for faster informed decisions and a quick recovery when a contamination event occurs.

BacT/ALERT's patented colorimetric technology and industrially-optimized range of culture media deliver detection of a wide range of organisms within 24-72 hours.*

Sterility Simplified

The Dual-T system consists of one controller module, one standard 32.5°C incubator module and one 22.5°C low temperature (LT) incubator module. Each incubator module will simultaneously incubate and detect contamination within 240 individual samples.

The intuitive touchscreen interface, standardized sample preparation methods and objective colorimetric technology make the BacT/ALERT not only appealing to operators of various skill levels but also allow them to deliver consistent, accurate and objective results.

Optional OBSERVA® data management software offers full traceability and further data management options through customizable storage, queries and reports. LIMS integration is also possible.

Operation is easy as 1-2-3

- Select appropriate BacT/ALERT culture medium bottle
- Inoculate bottle with sample
- Load bottle into BacT/ALERT system

Barcode scanning reduces risk of human error.

What's happening inside?

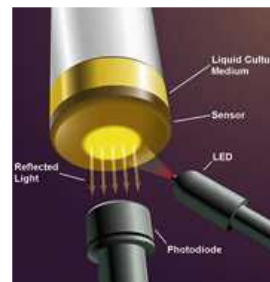
Each BacT/ALERT bottle contains sterile culture medium and is imbedded with a colorimetric sensor that changes from gray to yellow in the presence of CO₂ produced by growing microorganisms.

Continuous Monitoring

Once bottles are loaded, the colorimetric sensors are scanned every ten minutes. Once growth is detected, the system alarms both audibly and visually and the sample data is recorded.



BacT/ALERT Dual-T System



Patented Colorimetric Technology



BacT/ALERT Culture Media

Value for the QC Lab, Production and Finance

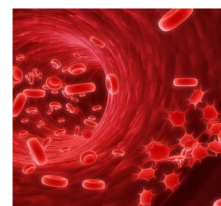
From increased productivity in the lab to reducing product quarantine time, BacT/ALERT has value to many parts of the pharmaceutical manufacturing organization.

- Automation of the USP, EP 2.6.1 and JP 54 chapters for sterility testing
- Simple, standardized workflow
- Reduced hands-on time and labor costs
- Reduced inventory holding costs
- Objective results for even viscous/cloudy samples
- Robust detection bacteria, yeasts and molds
- Non-destructive sterility test method
- Two temperature incubation (32.5°C and 22.5°C) available with BacT/ALERT Dual T
- New Adsorbent Polymeric Beads (APB) Media available for neutralization of antibiotics and other antimicrobials
- Isolator compatible media
- Proven compatibility with biological samples that cannot be filtered

BacT/ALERT 3D for Bacterial Detection in Blood Products

Analytical sensitivity and clinical specificity of the system enables the detection of a wide variety of microorganisms in blood products at very low levels. BacT/ALERT is used by blood banks, cord blood banks and other institutes that bank cellular products to detect microorganisms.

BacT/ALERT BPA culture bottles and BacT/ALERT BPN culture bottles are specifically developed for the blood collection industry with a specific intended use and regulatory requirements.



Media and test samples should be validated for each application. Industry "i" bottles have performance characteristics and quality control performed with relevant USP, EP and JP microorganisms.

**Kielpinski, G. et al. Roadmap to approval: use of an automated sterility test method as a lot release test for Carticef, autologous cultured - chondrocytes. Cytotherapy 2005;7(6):531-541*

	REF.	Packaging
BACT/ALERT 3D SYSTEMS		
BacT/ALERT 3D 120 Combination Module (Right 247013 / Left 247014)	247014 / 247013	120 cells
BacT/ALERT 3D 240 System Includes Controller Module, 240 cell Incubator Module Left(210159) Right (210161)	4700002	240 cells
BacT/ALERT 3D Controller Module Including touch-screen, keyboard and barcode scanner	210148	One
BacT/ALERT 3D Incubator Module Incubates up to 240 bottles in 4 drawers of 60 cells (Left 210159 / Right 210161)	210159 / 210161	240 cells
BACT/ALERT 3D DUAL-T SYSTEMS		
BacT/ALERT 3D Dual-T System Includes Controller Module, 240 cell Incubator Module, 240 cell Low Temperature (LT) Incubator Module	4700493	2x240 cells
Low Temperature (LT) Module containing one incubator (240 capacity)	411062	240 cells
BACT/ALERT COMPUTER SYSTEMS		
BacT/ALERT 3D Select Link	213706	One
OBSERVA Non-interface Data System Management for Blood Bank	412762	240 cells
OBSERVA® Data Management System for BacT/ALERT 3D consolidates data and results into a single workstation. Capable of integrating with labs that have Vitek® 2.	4700013	One
BACT/ALERT IMPLEMENTATION GUIDES		
BacT/ALERT System	410176	One
Dual T System Implementation Guide	410935	One
BACT/ALERT BOTTLES FOR INDUSTRIAL APPLICATIONS		
	REF.	Packaging

BacT/ALERT BPA Culture bottles Aerobic Culture Medium for Blood Products	279018	100 Bottles
BacT/ALERT BPN Culture bottles Anaerobic Culture Medium for Blood Products	279019	100 Bottles
BacT/ALERT iAST Culture bottles Standard Aerobic Culture Medium	259786	100 Bottles
BacT/ALERT iFA Aerobic Culture bottles Aerobic Culture Medium with Charcoal Neutralizer	251062	100 Bottles
BacT/ALERT iFN Anaerobic Culture bottles Anaerobic Culture Medium with Charcoal Neutralizer	251063	100 Bottles
BacT/ALERT iNST Culture bottles Standard Anaerobic Culture Medium	259785	100 Bottles
BacT/ALERT iPF Culture bottles Aerobic Pediatric Culture Medium with Charcoal Neutralizers	251061	100 Bottles
BACT/ALERT ACCESSORIES & CONSUMABLES	REF.	Packaging
Adapter Caps	279012	120/box
BacT/ALERT 3D Industrial Operator Manual	45613805	1/box
BacT/ALERT Adapter Inserts	279013	60/box
BacT/ALERT Bottle Barcode Labels	259662	1,000/box
BacT/ALERT Cell Plugs	259856	5/box
BacT/ALERT i Bottle Re-seal	259787	100/box
BacT/ALERT Incubator Thermometer	89048-600	1/box
BacT/VIEW® Operator Manual for BacT/ALERT 3D	45613187	1/box
Bottle Carrying Rack	940-0046-01	1/box
Calibration Kit	45606543	1/box
BACT/ALERT INSTRUMENT STANDS	REF.	Packaging
BacT/ALERT 3D Benchtop Cart	213418	1/box
BacT/ALERT 3D Control Module Stand	213602	1/box

BacT/ALERT 3D Control Module Stand and Stacking Rack for 1-2 incubators	213588	1/box
BacT/ALERT 3D Stacking Rack for 1-2	213589	1/box

Rapid Microbiology / Rapid Alternative MicroBiology /
 DELETE!!

CHEMUNEX® Rapid Microbiology Analyzers

Rapid Testing Benefits the Lab and Production

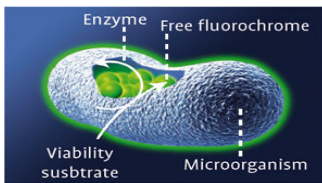
Cosmetics and personal care companies worldwide have relied on CHEMUNEX technology to deliver safe, high-quality products to their customers for more than 20 years. These companies also enjoy the financial benefits of rapid microbiology - gaining efficiencies on both the production floor and in the laboratory.

Quick turnaround time from QC shortens production cycles by reducing final product quarantine times. Fast QC also empowers production with knowledge from in-process testing so products found to be out of specification can be rejected prior to final filling. If deviations are found, CHEMUNEX helps pinpoint root cause so swift corrective action can be taken to recover from adverse events gracefully.

The collective time savings allows cosmetics manufacturers to run leaner through safety stock optimization and production agility.



Unique, Proven Technology



CELL LABELING

Detects **viable** bacteria, yeasts and molds
 Effective for organisms that are environmentally stressed, nutrient-depleted or in presence of preservatives
 Objective Yes/No results in 24 hours (50 hours for molds)
 Full validation support available

Solutions for Finished and In-process Products, Raw Materials and Process Water



Cosmetics / Personal Care

Total Viable Count (TVC) - Bacteria and Yeast

Sensitivity: 1 organism/gram of product
 Product release time: 24-hours
 Applications: Syrups, ointments, tablets, powders

Yeasts and Molds

Sensitivity: 10 organisms/gram of product
 Product release time: 50-hours
 Applications: Syrups, ointments, tablets, powders

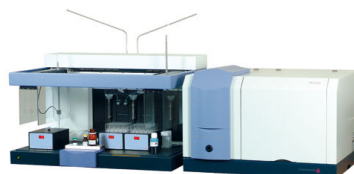
Direct Count (Enumeration)

Sensitivity: 5 organisms/mL
 Product release time: 20 minutes
 Applications: Process water



Three Levels of Automation to Fit Your Needs

D-Count®



Automated high-throughput analysis

50 tests / hour

BactiFlow® ALS



Automated analysis

25 tests / hour

BactiFlow®



Semi-automated analysis

15 tests / hour

The D-Count® and BactiFlow® ALS systems combine fully-automated fluorescent viable cell labeling and digital flow cytometry into powerful systems that detect and count individual cells without the need for cell growth.

Release your products faster

- Reduce quarantine time
- Optimize safety stock levels
- Reduce warehousing expense
- Respond quickly to changes in demand

Virtually eliminate product loss due to raw material contamination

- Screen incoming raw materials in minutes

React quickly to adverse events

- Rapid confirmation of corrective action effectiveness
- Minimized production disruption

Protect the integrity of your product's good name

- Objective, robust methodology ensures certainty of results

Rapid Microbiology / Rapid Alternative MicroBiology / DELETE!

ScanRDI®- Rapid Microbial Detection and Enumeration

Sterility Results in 3 Hours!

ScanRDI revolutionized rapid microbial detection when it was first introduced and its combination of speed and sensitivity remains unrivaled to this day.

The unique technology not only delivers actionable sterility results in 3 hours but is sensitive enough to detect a single bacterium, yeast or mold. Even spores, stressed and fastidious organisms are detected in minutes; offering an extraordinarily rapid alternative to traditional 14-day sterility testing.

Traceability, 21 CFR part 11 compliance and full validation support (IQ, OQ and PQ) offer peace of mind.

Applications

Detect All Types of Contamination 21 CFR Part 11 Compliance

- Finished product release
- In-process / bioburden testing
- Water analysis
- Raw material inspection
- Environmental monitoring

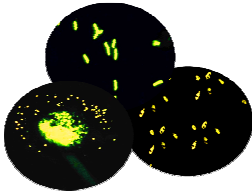
- Bacteria
- Yeasts
- Molds
- Spores

- Audit trail
- e-Signature
- Review / review and approve
- Archive and export
- Security



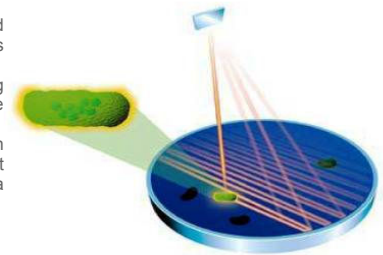
Detection Principle

Viable cells are labeled
 Labeled cells produce fluorescence
 Fluorescence is detected by ScanRD1




Filter, Label, Scan

Filtration captures microorganisms on a special membrane. Metabolically active cells on the membrane are labeled with a reagent inducing enzymatic cleavage of a non-fluorescent substrate to liberate free fluorochrome into the cell's cytoplasm. Non-viable cells are not labeled. Laser scanning of the membrane is fully overlapping to ensure detection of any living cell present on the filter emitting light produced by the fluorochrome. It takes less than 3 minutes to scan the entire membrane and display the accurate number of viable cells. Powerful discrimination ensure only labeled microorganisms are detected. Results are immediately displayed as direct viable cell counts requiring no operator interpretation. Additionally, a scan map displays the precise location of each detected microorganism at the surface of the membrane. This enables fast visual result confirmation using an optional microscope attachment. Data output is in the form of a tabulated data sheet, which includes daily control results and a complete file.



INSTRUMENTS	REF.	
Legionella GVPC Agar	43031*	20
Lethen Agar	M1112	10
LT 100 Agar	43281	20
m-HPC Agar	M1213*	10
MacConkey Agar (MAC)	M1017	10
MacConkey Sorbitol Agar	M1186*	10
Mannitol Salt Agar	M1018	10
m'Endo Agar, Les	M1070	10
Nutrient Agar	M1023	10
Oxford Agar, Modified (MOX)	M1091	10
Plate Count Agar (PCA)	M1229*	10

Potato Dextrose Agar Acidified—3.5 pH—Deep Fill (PDA)	M1061	10
Potato Dextrose Agar—Deep Fill (PDA)	M1038	10
GENERAL PURPOSE BROTHS & DILUENTS	REF.	
Pseudomonas Isolation Agar	M1093	10
TOTAL VIABLE COUNT (TVC)	REF.	Packaging
Tryptic soy agar (TSA)	M1040 T8076	100mm plate 20ml pour tube
Tryptic soy broth (TSB)	P2300	90ml wide mouth
YEAST & MOLD ENUMERATION	REF.	Packaging
Sabouraud dextrose agar (SDA)	M1025 T8008	100mm plate 20ml pour tube
ESCHERICHIA COLI	REF.	Packaging
MacConkey agar (MAC)	M1017	100ml plate
MacConkey broth (MAC)	P3155*	100ml wide mouth
Tryptic soy broth (TSB)	P1270 P2300	90ml Boston round 90ml wide mouth
CANDIDA ALBICANS	REF.	Packaging
Sabouraud dextrose agar (SDA)	M1025 T8008	100mm plate 20ml pour tube
SALMONELLA	REF.	Packaging
Rappaport vassiliadis broth (RV)	42110	10ml tubes
Tryptic soy broth (TSB)	P1270 P2300	90ml Boston round 90ml wide mouth
Xylose Lysine Deoxycholate agar (XLD)	M1031	100mm plate
PSEUDOMONAS AERUGINOSA	REF.	Packaging
Cetrimide agar	M1067	100mm plate

Tryptic soy broth (TSB)	P1270 P2300	90ml Boston round 90ml wide mouth
STAPHYLOCOCCUS AUREUS		
	REF.	Packaging
Mannitol salt agar	M1018	100mm plate
Tryptic soy broth (TSB)	P1270 P2300	90ml Boston round 90ml wide mouth
CLOSTRIDIA		
	REF.	Packaging
Columbia agar	M1261*	100mm plate
Reinforced medium for Clostridia	P3150*	100ml wide mouth
BILE-TOLERANT GRAM-NEGATIVE BACTERIA		
	REF.	Packaging
Enterobacteria enrichment broth Mossel	42621	100ml pour bottle
Violet red bile glucose agar (VRBG)	M1260*	100mm plate
GENERAL		
	REF.	Packaging
Buffered sodium chloride-peptone solution pH 7.0	42609	100ml pour bottle
Phosphate buffer solution pH 7.2	P1210 P2340* T8035 T8181-C*	90ml Boston round 100ml wide mouth 9ml tubes 10ml tubes
NON-STERILE PRODUCT TESTING MEDIA		
	REF.	Packaging
Blood Agar Slant—16 ml—20x150 mm	T8221*	20
Buffered Peptone Water—9 ml	42111	100
Buffered Sodium Chloride—Peptone Solution—9 ml	T8218-C*	100
Butterfields Phosphate Buffered Water—9 ml	Capital Vials CV1100-C	100
Butterfields Phosphate Buffered Water—9 ml-20x150 mm	T8204-C*	100
Clear Thio - 9ml	42018	20
DE Neutralizing Broth—9 ml	T8163*	20
Eugon LT 100 Broth - 9ml	42070	20

Fraser Broth—10 ml	42072	20
Lauryl Sulfate Tryptose Broth w/Durham Tube—10 ml	T8096	20
Lethen Broth—10 ml	CV1020 CV1020-C	25 100
Lethen Broth—5 ml	CV1080-C*	100
Lethen Broth—9 ml	CV1180-C*	100
M Broth—10 ml	T8080	20
Phosphate Buffer, Sterile—10 ml—pH 7.2	T8181-C*	100
Phosphate Buffer, Sterile—9 ml—pH 7.2	T8035	20
R2A Agar—20 ml-20x150 mm—Pour Tube	T8190* T8190-C*	20 100
Rappaport Vassiliadis Broth (RV)—10 ml	42073	20
Rappaport Vassiliadis Soy Broth (RVS)—10 ml	42110	20
Sabouraud Dextrose Agar (SDA)—20 ml-20x150 mm—Pour Tube	T8008 T8008-C*	20 100
Sabouraud Dextrose Agar Slant (SDA)	T7077	20
Sabouraud Dextrose Agar w/Chloramphenicol —20 ml-20x150 mm—Pour Tube	T8198*	20
Saline, Sterile 0.85%—9.9 ml	CV1200-C*	100
Selenite Cystine Broth—10 ml	T7079	20
Tetrathionate Broth Base—10 ml	T8034 T8034-C	20 100
Thioglycollate with Indicator (FTM)—10 ml	T7065	20
Thioglycollate with Indicator (FTM)—15 ml-20x150 mm	T8231*	20
Triple Sugar Iron Agar Slant (TSI)	T7087	20
Tryptic Soy Agar (TSA)—20 ml-20x150 mm—Pour Tube	T8076 T8076-C	20 100
Tryptic Soy Agar Slant (TSA)	T7090	20
Tryptic Soy Agar w/L & P80 (TSALP80)—20 ml-20x150 mm—Pour Tube	T8100-C	100
Tryptic Soy Broth (TSB)—10 ml	T7093 T7093-C	20 100
Tryptic Soy Broth (TSB)—15 ml-20x150 mm	T8230*	20
Tryptic Soy Broth (TSB)—20 ml-20x150 mm	T8074 T8074-C*	20 100

Tryptic Soy Broth (TSB)—9 ml	42100 T8179-C*	20 100
DILUTION VIALS	REF.	Packaging
0.1% Peptone Water - 90 ml	46996	64
0.1% Peptone Water - 99 ml	46997*	64
Butterfields Phosphate Buffered Water—90 ml	46998	64
Butterfields Phosphate Buffered Water—99 ml	46999	64
Phosphate Buffer w/Magnesium Chloride - 90ml	46995	64
Phosphate Buffer w/Magnesium Chloride - 99ml	46993	64
POUR BOTTLES, SCREW CAP ? 90 ML FILL	REF.	Packaging
Phosphate Buffer—pH 7.2	P1210	25
POUR BOTTLES, SCREW CAP — 100 ML FILL	REF.	Packaging
Sabouraud Dextrose Agar w/L & P 80 (SDALP80)	P2220*	25
Tryptic Soy Agar (TSA)	P1110	25
Tryptic Soy Agar w/L & P 80 (TSALP80)	P2230*	25
POUR BOTTLES, SCREW CAP — 200 - 500 ML FILL	REF.	Packaging
Phosphate Buffer	302215	12
Plate Count Agar—500 ml	P2850*	10
R2A Medium—400 ml	P1640*	10
Sabouraud Dextrose Agar (SDA)—200 ml	P2160*	10
Sabouraud Dextrose Agar (SDA)—500 ml	P2070	10
Sabouraud Dextrose Agar w/Chloramphenicol—500 ml	P2900*	10
Sabouraud Dextrose Agar w/L & P 80 (SDALP80)	P2820*	10
Saline, Sterile 0.85%—500 ml	P1100*	10

Standard Methods Agar—500 ml	P1071*	10
Tryptic Soy Agar (TSA)—220 ml	P1120	10
Tryptic Soy Agar (TSA)—500 ml	P2050	10
WIDE MOUTH BOTTLES, WITH SCREW CAPS 90 ML FILL	REF.	Packaging
Lactose Broth	P2280	25
MacConkey Broth (MAC)	P2980*	25
Sabouraud Dextrose Broth (SDB)	P2320*	25
TAT Broth	P2350	25
Tryptic Soy Broth w/0.5% L & 4% P 20	P2540*	25
WIDE MOUTH BOTTLES, WITH SCREW CAPS 100 ML FILL	REF.	Packaging
Lactose Broth w/0.5% L & 4% P 20	P2860*	25
Lethen Broth	302202	12
MacConkey Broth (MAC)	P3155	25
Phosphate Buffer, pH 7.2	P2340*	25
Reinforced Medium for Clostridium	P3150*	25
Tryptic Soy Broth w/0.5% L & 4% P 20	P2870*	25
POUR BOTTLE, WITH SCREW CAPS 50-225 ML	REF.	Packaging
Buffered Peptone Solution, pH 7.0 - 90 ml	42609	6
Buffered Peptone Water—225 ml	42043	6
Buffered Peptone Water—90 ml	42042	6
Cefixime Tellurite Supplement (4 ml)	42606	6
Eugon LT 100 Broth - 50 ml	42613	6
Fraser Broth—225 ml	42046	6
Half Fraser Broth—225 ml	42048 42615	6 4

Mossel Broth - 100 ml

42621

6

Rapid Microbiology / Rapid Alternative MicroBiology /

DELETE!!

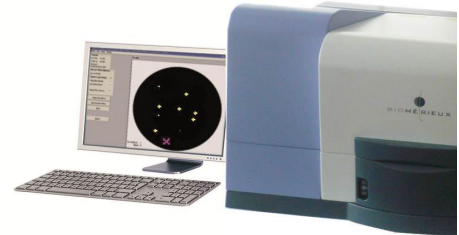
ScanRDI® - Rapid Microbial Detection and Enumeration

Sterility Results in 3 Hours

ScanRDI revolutionized rapid microbial detection when it was first introduced and its combination of speed and sensitivity remains unrivaled to this day.

The unique technology not only delivers actionable sterility results in 3 hours but is sensitive enough to detect a single bacterium, yeast or mold. Even spores, stressed and fastidious organisms are detected in minutes; offering an extraordinarily rapid alternative to traditional 14-day sterility testing.

Traceability, 21 CFR part 11 compliance and validation support offer peace of mind.



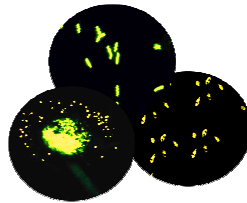
Applications

- Finished product release
- In-process / bioburden testing
- WFI analysis
- Raw material screening
- Environmental Monitoring



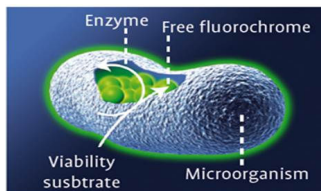
Detect All Types of Microbial Contamination

- Bacteria
- Yeasts
- Molds
- Spores



Detection Principle

- Viable cells are labeled
- Labeled cells produce fluorescence
- Fluorescence is detected by ScanRDI



Specific Cell Labeling

The "viability substrate" component of the labeling solution enters the microorganism through the cell membrane. Living cells fluorescent viability substrate by an enzymatic reaction, releasing fluorescent particles (free fluorochrome) within the cell. The cell holds the light-emitting fluorochrome within the cell and allows it to be detected by the ScanRDI's laser. Nonliving cells are not labeled.

Filter, Label, Scan

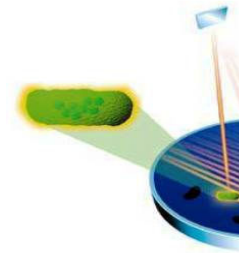
Filtration captures microorganisms on a special membrane.

A solution is added to the membrane to "label" only living cells by making them fluoresce.

The ScanRDI's laser scans the entire membrane in less than three minutes and immediately displays the total number of living cells fixed to the membrane.

The scan map and microscope attachment allow for quick visual confirmation of results.

Data output is in the form of a tabulated data sheet, which includes daily control results and a complete file.



INSTRUMENTS

REF.

BactiFlow®

D-Count®

BactiFlow®

Semi-automated flow cytometer (15 tests/h)

302-A0001

D-count®

Fully-automated flow cytometer (50 tests/h)

301-A0001

BactiFlow® ALS

Fully-automated flow cytometer (25 tests/h)

400-A0001

Rapid Microbiology / Rapid Alternative MicroBiology / ScanRDI® Three-Hour Sterility Results

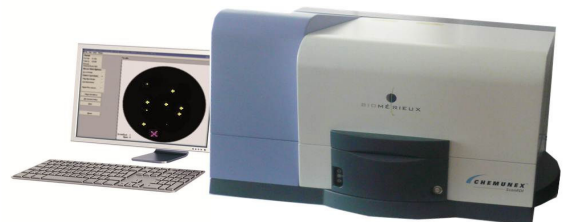
ScanRDI® - Rapid Microbial Detection and Enumeration

Sterility Results in 3 Hours

ScanRDI revolutionized rapid microbial detection when it was first introduced and its combination of speed and sensitivity remains unrivaled to this day.

The unique technology not only delivers **actionable sterility results in 3 hours** but is sensitive enough to **detect a single bacterium, yeast or mold**. Even spores, stressed and fastidious organisms are detected in minutes; offering an **extraordinarily rapid alternative to traditional 14-day sterility testing**.

Traceability, 21 CFR part 11 compliance and validation support offer peace of mind.



Applications

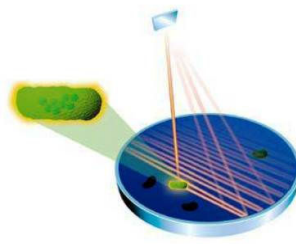
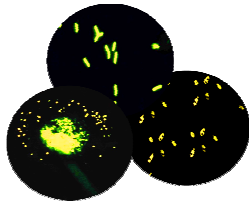
- Finished product release
- In-process / bioburden testing
- WFI analysis
- Raw material screening
- Environmental Monitoring



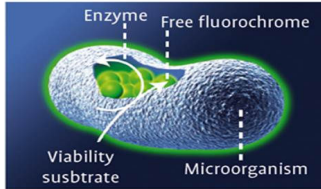
Detect All Types of Contamination

Detection Principle
Viable cells are labeled

Bacteria
Yeasts
Molds
Spores



Labeled cells produce fluorescence
Fluorescence is detected by ScanRDI



Specific Cell Labeling

The "viability substrate" component of the labeling solution enters the microorganism through the cell membrane. Living cells cleave the non-fluorescent viability substrate by an enzymatic reaction, releasing fluorescent particles (free fluorochrome) within the cell. The cell's membrane holds the light-emitting fluorochrome within the cell and allows it to be detected by the ScanRDI's laser. Nonliving cells are not metabolically active and not labeled.

Filter, Label, Scan

Filtration captures microorganisms on a special membrane.
A solution is added to the membrane to "label" only living cells by making them fluoresce.
The ScanRDI's laser scans the entire membrane in less than three minutes and immediately displays the total number of living cells fixed to the membrane.
The scan map and microscope attachment allow for quick visual confirmation of results.
Data output is in the form of a tabulated data sheet, which includes daily control results and a complete file.

INSTRUMENTS

REF.

SCANRDI ANALYZER

415443

FIFU & CB04 Compatible

ACCESSORIES

REF.

CAMERA

200-B2003-01

Digital Nikon

CB04 FILTRATION SUPPORT KIT

415447

FIFU FILTRATION SUPPORT KIT

415448

FILTRATION ACCESSORIES KIT

415449

FILTRATION RAMP 3 PORTS

200-B0131-01

FILTRATION RAMP 6 PORTS

200-B0136-01

MICROSCOPE KIT SCANRDI

415446

POWER SUPPLY CORD

415212

US Configuration

PRINTER SCANRDI

416009

SOFTSCAN SOFTWARE CD

415445

UPS 1500VA - 110 V

413646

110 V

USER MANUAL SCANRDI

415473

English Version

VACUUM PUMP

415474

115V

Rapid Microbiology / Rapid Alternative MicroBiology / CHEMUNEX® Rapid Detection for Cosmetics & Personal Care

CHEMUNEX® Rapid Microbiology Analyzers

Rapid Testing Benefits the Lab and Production

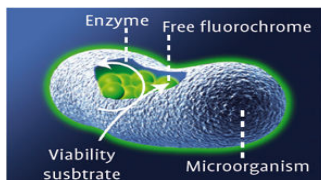
Cosmetics and personal care companies worldwide have relied on CHEMUNEX technology to deliver safe, high-quality products to their customers for more than 20 years. These companies know they are not only releasing a safe product but also enjoying the financial benefits of ultra-rapid microbial testing - gaining efficiencies on both the production floor and in the laboratory.

Quick turnaround time from QC shortens production cycles by reducing final product quarantine times. Fast QC also empowers production with knowledge from in-process testing so products found to be out of specification can be rejected prior to final filling. If deviations are found, CHEMUNEX helps pinpoint root cause so swift corrective action can be taken to recover from contamination events. The collective time savings allows manufacturers to run leaner through stock optimization and production agility.



**Cosmetics &
Personal Care**

Proven Versatility



CELL LABELING

Compatible with challenging plant-based / organic matrices

Detects **viable** bacteria, yeasts and molds

Effective for organisms that are environmentally stressed, nutrient-depleted or in presence of preservatives

Objective Yes/No results in 24 hours (50 hours for molds)

Full validation support available

Test Process Water, In-process and Finished Products on the Same Platform

Total Viable Count (TVC) - Bacteria and Yeast

Sensitivity: 1 organism/gram of product
 Product release time: 24-hours
 Applications: Syrups, lotions, ointments, tablets, powders

Yeasts and Molds

Sensitivity: 10 organisms/gram of product
 Product release time: 50-hours
 Applications: Syrups, lotions, ointments, tablets, powders

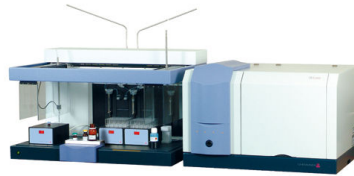
Direct Count (Enumeration)

Sensitivity: 50 organisms/mL (5/ML with filtration)
 Product release time: 20 minutes
 Applications: Process water



Three Levels of Automation to Fit Your Needs

D-Count®



Automated high-throughput analysis

50 tests / hour

BactiFlow® ALS



Automated analysis

25 tests / hour

BactiFlow®



Semi-automated analysis

15 tests / hour

The D-Count® and BactiFlow® ALS systems combine fully-automated fluorescent viable cell labeling and digital flow cytometry into powerful systems that detect and count individual cells without the need for cell growth.

Release your products faster

- Reduce quarantine time
- Optimize safety stock levels
- Reduce warehousing expense
- Respond quickly to changes in demand

Virtually eliminate product loss due to raw material contamination

- Screen incoming raw materials in minutes

React quickly to adverse events

- Rapid confirmation of corrective action effectiveness
- Minimized production disruption

Protect the integrity of your product's name

- Objective, robust methodology ensures certainty of results

INSTRUMENTS

REF.

BactiFlow ALS®

Fully-automated flow cytometer (25 tests/h)

400-A0001

BactiFlow®

Semi-automated flow cytometer (15 tests/h)

302-A0001

D-Count®

Fully-automated flow cytometer (50 tests/h)

301-A0001

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / LyfoCults® Plus QC Sets



LyfoCults® Plus QC Sets

LyfoCults Plus is a storage, hydration and inoculation system

The all-In-One Design is **simple and easy to use**.
Built in inoculation wand that eliminates the need for additional tools and reduces contamination. The delivery system is **glass free** to improve safety. Other systems use glass in the device.
Hydrate immediately saving time. Other systems take up to 45 minutes to rehydrate.
 Convenient QC sets for all identification products (VITEK®2 Compact, API®/ID32).
 Available in 2 packs.

The most technologically advanced microorganism system on the market

All customers are required to sign an ATCC® end-user agreement prior to purchasing **LyfoCults Plus** products.

The ATCC® Licensed Derivative Emblem, the ATCC® Licensed Derivative word mark, and the ATCC® catalog marks are trademarks of ATCC®. BioMérieux, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.

STREAMLINED SETS (FOR SOFTWARE VERSION 5.01 AND HIGHER)	REF.	Packaging
VITEK 2 ANC Streamlined QC Set Bacteroides ovatus ATCC® BAA-1296™ Clostridium septicum ATCC® 12464™	410604	2
VITEK 2 BCL Streamlined QC Set Brevibacillus agri ATCC® 51663a,ç	300784	2
VITEK 2 CBC Streamlined QC Set Corynebacterium urealyticum ATCC® 43044™ Microbacterium testaceum ATCC® 15829™	410602	2
VITEK 2 GN Streamlined QC Set Enterobacter cloacae ATCC® 700323™ Stenotrophomonas maltophilia ATCC® 17666™	410586	2
VITEK 2 GP Streamlined QC Set Enterococcus casseliflavus ATCC® 700327™ Streptococcus thermophilus ATCC® 19258™	410616	2
VITEK 2 NH Streamlined QC Set Eikenella corrodens ATCC® BAA-1152a,ç	301064	2
VITEK 2 YST Streamlined QC Set Candida albicans ATCC® 14053a,ç	300927	2
COMPREHENSIVE SETS (FOR SOFTWARE VERSION 5.01 AND HIGHER)	REF.	Packaging

VITEK 2 ANC Comprehensive QC Set

Bacteroides ovatus ATCC® BAA-1296™		
Bacteroides vulgatus ATCC® 8482™		
Clostridium perfringens ATCC® 13124™	410605	2
Clostridium septicum ATCC® 12464™		
Clostridium sordellii ATCC® 9714™		
Corynebacterium striatum ATCC® BAA-1293™		
Parabacteroides distasonis ATCC® BAA-1295™		

VITEK 2 AST -GN QC Set

Escherichia coli ATCC® 25922™	410609	2
Escherichia coli ATCC® 35218™		
Klebsiella pneumoniae ATCC® 700603™		
Pseudomonas aeruginosa ATCC® 27853™		

VITEK 2 AST -GP QC Set

Enterococcus faecalis ATCC® 29212™		
Enterococcus faecalis ATCC® 51299™		
Escherichia coli ATCC® 35218™	410610	2
Staphylococcus aureus ATCC® 29213™		
Staphylococcus aureus ATCC® BAA-976™		
Staphylococcus aureus ATCC® BAA-977™		
Staphylococcus aureus ATCC® BAA-1026™		
Streptococcus pneumoniae ATCC® 49619™		

VITEK 2 AST -YS QC Set

Candida krusei ATCC® 6258	410613	2
Candida parapsilosis ATCC® 22019		

VITEK 2 BCL Comprehensive QC Set

Aneurinibacillus aneurinilyticus ATCC® 11376™		
Bacillus badius ATCC® 14574™		
Bacillus circulans ATCC® 61™		
Bacillus megaterium ATCC® 14581™		
Bacillus pumilus ATCC® BAA-1434™	410615	2
Brevibacillus agri ATCC® 51663™		
Brevibacillus laterosporus ATCC® 64™		
Enterobacter aerogenes ATCC® 13048™		
Paenibacillus macerans ATCC® 8509™		
Paenibacillus polymyxa ATCC® 7070™		
Paenibacillus validus ATCC® 29948™		
Staphylococcus epidermidis ATCC® 12228™		

VITEK 2 GN Comprehensive QC Set

Acinetobacter baumannii ATCC® BAA-747™		
Enterobacter cloacae ATCC® 700323™		
Elizabethkingia meningoseptica ATCC® 13253™		
Klebsiella oxytoca ATCC® 700324™	410601	2
Ochrobactrum anthropi ATCC® BAA-749™		
Proteus vulgaris ATCC® 6380™		
Pseudomonas aeruginosa ATCC® 9721™		
Pseudomonas aeruginosa ATCC® BAA-1744™		
Shigella sonnei ATCC® 25931™		
Stenotrophomonas maltophilia ATCC® 17666™		

VITEK 2 GP Comprehensive QC Set

Enterococcus casseliflavus ATCC® 700327™		
Enterococcus saccharolyticus ATCC® 43076™		
Kocuria kristinae ATCC® BAA-752™	410584	2
Listeria monocytogenes ATCC® BAA-751™		
Staphylococcus saprophyticus ATCC® BAA-750™		
Staphylococcus sciuri ssp. Sciuri ATCC® 29061™		
Streptococcus equi subsp. Zooepidemicus ATCC® 43079™		
Streptococcus pneumoniae ATCC® 49619™		
Streptococcus thermophilus ATCC® 19258™		

VITEK 2 NH Comprehensive QC Set

Aggregatibacter aphrophilus ATCC® 33389™		
Eikenella corrodens ATCC® BAA-1152™		
Enterobacter aerogenes ATCC® 13048™	410611	2
Haemophilus influenzae ATCC® 9007™		
Neisseria gonorrhoeae ATCC® 19424™		
Neisseria lactamica ATCC® 23970™		
Oligella urethralis ATCC® 17960™		
Paenibacillus polymyxa ATCC® 7070™		
Staphylococcus epidermidis ATCC® 12228™		

VITEK 2 YST Comprehensive QC Set

Candida albicans ATCC® 14053™		
Candida glabrata ATCC® MYA-2950™		
Candida lusitanae ATCC® 34449™		
Candida utilis ATCC® 9950™	410608	2
Kloeckera japonica ATCC® 58370™		
Oligella ureolytica ATCC® 43534™		
Staphylococcus epidermidis ATCC® 12228™		
Prototheca wickerhamii ATCC® 16529™		
Sporobolomyces salmonicolor ATCC® MYA-4550™		
Trichosporon mucoides ATCC® 204094™		
Zygosaccharomyces bailii ATCC® MYA-4549™		

VITEK® 2 CBC COMPREHENSIVE QC SET

Arcanobacterium haemolyticum ATCC® BAA-1784™
 Corynebacterium urealyticum ATCC® 43044™
 Corynebacterium renale ATCC® BAA-1785™
 Cellulosimicrobium cellulans ATCC® BAA-1816™
 Cellulosimicrobium cellulans ATCC® BAA-1817™ **410623** 2
 Microbacterium paraoxydans ATCC® BAA-1818™
 Microbacterium liquefaciens ATCC® BAA-1819™
 Microbacterium testaceum ATCC® 15829™
 Klebsiella oxytoca ATCC® 700324™
 Ochrobactrum anthropi ATCC® BAA-749™
 Curtobacterium pusillum ATCC® 19096™

LYFOCULTS® PLUS API® QUALITY CONTROL SETS

	REF.	Packaging
LyfoCults Plus API 20 A QC Set 2PK	410614	2
LyfoCults Plus API 20 C AUX QC Set 2PK	410589	2
LyfoCults Plus API 20 Strep QC Set 2PK	410590	2
LyfoCults Plus API Coryne QC Set 2PK	410625	2
LyfoCults Plus API ID 32 GN QC Set 2PK	410588	2
LyfoCults Plus API NE QC Set 2PK	410626	2
LyfoCults Plus API NH QC Set 2PK	410622	2
LyfoCults Plus API RapID 20 E QC Set 2PK	410621	2
LyfoCults Plus API RAPID ID 32 E QC Set 2PK	410619	2
LyfoCults Plus API RapID32 STREP 2PK	415570	2
LyfoCults Plus API STAPH QC Set 2PK	410620	2
LyfoCults® Plus API® 20E QC Set 2PK	410624	2



The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark, and the ATCC catalog marks are trademarks of ATCC. bioMérieux, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Vitek MS®**VITEK® MS (MALDI-TOF technology)**

The Ultimate innovation for the technology-sensitive laboratory that wants to drive change by early adoption of the latest technology for identification.

Identify environmental bacteria, yeast and molds within minutes utilizing an efficient and easy workflow with minimal reagents. Unique industry database developed with multiple isolate, geographical diversity, different growth conditions, 21CFR compliant software, traceability for sample to result with unique barcoded slides,

Workflow:

- Inoculate your slide with a small colony piece using a 1µL loop.
- Add matrix solution
- Place in instrument

INSTRUMENT	REF.	Packaging
Associated Hardware (PC and server)	411030/411032	1
VITEK MS Instrument	410895	1
VITEK MS Prep Station Software	411031	1

DISPOSABLES	REF.	Packaging
VITEK MS CHCA (Matrix solution)	411071	5 x 0.5ml
VITEK MS DS (disposable slides)	410893	box of 32 slides
VITEK MS FA (extraction solution)	411072	5 x 0.5ml

	REF.
Silica Gel (Replacement)	411721

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Previ® Gram Stainer

®



PREVI® Color

A Real Work of Art: Color Clean, Color Safe

PREVI Color Gram does the tedious work for you while you perform more important tasks.

Standardized, Accurate

PREVI Color Gram is an automated gram stainer system for all types of specimens which provides accurate, standardized results.

- Standardized coloration** - innovative spray nozzles always dispense the same reagent volume.
- No cross contamination** - each slide separated and fresh staining reagent used each time.
- Improved microorganism differentiation** in comparison with manual and bath staining results.

Specifications

Outside dimensions

Width: 560 mm (22 inches)
 Depth: 530 mm (21 inches)
 Height – Lid open: 580 mm (23 inches)
 Height closed: 240 mm (9.5 inches)
 Weight: 16.8 kg (37 lbs)

Safe, Clean, Environmentally Friendly

- User Safety:** ready-to-use, closed reagent containers; integrated reagent waste container avoids user contact when disposing of waste; low toxicity of crystal violet.
- Clean:** self-contained waste system (no need for a sink); instrument is easy to clean.
- Eco Friendly:** waste container; spray technology economically uses just enough reagent for the number of slides programmed.

Flexible, Smooth workflow

- Simply Load & Go.**
- Possible to adapt reagent volume** depending on smear thickness
- Fully automated process** from fixation to slide drying (3-5 minutes)
- Improved lab workflow** with single or batch slides possible

STAINING : AUTOMATED METHOD	REF.	Packaging
-----------------------------	------	-----------

Acetone Fuchsin-A	29384	500ml
Acetone Safranin-A	29584	500ml
Additional 12 Slide Carousel	29557	One
Additional 30 Slide Carousel	29556	One
Crystal Violet-C	29587	500ml
Fuchsin-A	29585	500ml
Iodine-B	29586	500ml
Nozzle Cleaning Solution	29588	5 Litre
PREVI® Color Gram 12	29502	One
Safranin-A	29583	500ml

PREVI COLOR ACCESSORIES	REF.	Packaging
D & E 5 L Empty Bottle	29558	\$66,84
D & E 500ml Empty Bottle	29559	\$7,43
Maintenance Kit	29698	\$434,97
Nozzle O-ring (6)	29699	\$2,12
Nozzle Wire	29696	\$9,55
Nozzle x 2 ps	29697	\$256,74
Waste Container	29695	\$56,23
Waste Tubing	29694	\$16,97

CATALASE, OXIDASE	REF.	Packaging
ID color Catalase	55561	2 x 5ml

OTHER TESTS	REF.	Packaging
API OF medium	50110	10 Ampoules x 5ml
API® M (Motility medium)	50120	10 Ampoules x 5ml

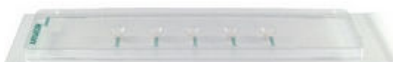
IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Slidex®: latex agglutination

Slidex Range are simple, easy-to-use agglutination reactions available for Staph, Strep and Legionella

LEGIONELLA	REF.	Packaging
SLIDEX Legionella-Kit	73120	50 Tests
STAPHYLOCOCCUS	REF.	Packaging
Disposable Cards (6 spots)	73114	5 Packs of 10
SLIDEX Staph-Plus	73115	50 Tests
	73116	250 Tests(Stirring Sticks not included)
STREPTOCOCCUS	REF.	Packaging
G Slidex Strepto Plus B rouping of hemolytic Streptococci Groups B50	58819	
Slidex Strepto Plus A Grouping of hemolytic Streptococci Groups A 50	58818	
Slidex Strepto Plus Kit Grouping of hemolytic Streptococci Groups A, B, C, D, F, G.	58811	50/box

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Rapidec®**Designed for low and high number confirmation runs**

Each strip contains five miniaturized assays.
 Each well allows the confirmation of suspect *Listeria monocytogenes* colonies.
 Each well allows the simultaneous detection of two enzyme activities.
 Each strip can be detached and placed on a holder in order to use wells for individual assays.

5 Single Detachable Assays**RAPiDEC® Lmono**

Ref. 03700 - 4 strips, each
 containing 5 assays

Validated use

RAPiDEC® Lmono confirms typical suspect *Listeria monocytogenes* colonies (blue with halos) isolated on **chromID™ Ottaviani Agosti** plates. This assay was assessed for the confirmation of typical colonies obtained using the short detection protocol and the simplified counting protocol. All protocols, including **RapidecLmono**, were certified under the AFNOR VALIDATION mark (in accordance with ISO 16140) .*

* see *chromID™ Ottaviani Agosti directions* (Ref. 43641)

A simple protocol with fast results

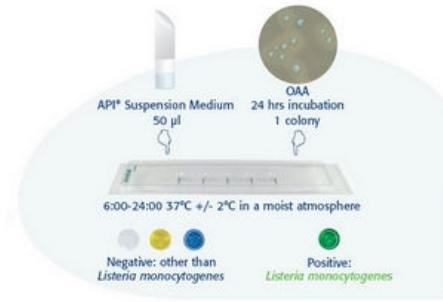
An isolated typical colony is collected with a swab and emulsified in a well to which 50 µl of **API®** Suspension Medium has been added. The results can be read immediately after incubation without need for further handling or reagents.

Confirmation of *Listeria monocytogenes* on D2.

Final results after just 6 hours of incubation (4 hours for positive results)

Flexible protocol

Reading possible after up to 24 hours of incubation at 37°C.
 Staining remains stable for 48 hours at ambient temperature after incubation at 37°C.



[Click to enlarge](#)

An innovative and efficient confirmation technique

The assay demonstrates two specific enzyme activities:

Phosphatidylinositol Phospholipase C (PIPLC) activity: blue color

α-mannosidase (α-MAN) activity: yellow color

These two positive enzyme activities result in *Listeria monocytogenes* colonies turning a characteristic green color

STAPHYLOCOCCUS IDENTIFICATION IN 2 HOURS	REF.	Packaging
RAPIDEC staph	3300	30 Tests
LISTERIA MONOCYTOGENES	REF.	Packaging
RAPIDEC Lmono	3700	30 Tests

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Api® Identification

About API® / ID 32

API completely revolutionised the field of bacteriology. The API range introduced a **standardised** and **miniaturised** version of the existing techniques, which, up until then, were complicated to perform and difficult to interpret.

With API, bacterial identification became **simple**, **rapid** and **reliable**.

Today, API/ID32 is the most extensive range available. It includes **15 identification systems** covering all groups of bacteria encountered in industrial microbiology laboratories.

API continues to innovate by regularly updating the databases of these identification systems and by making the interpretation tools available **anytime**, **anywhere** in the world with access via the internet to [apiweb](#)

ANAEROBES	REF.	Packaging
API 20 A	20300	25 Strips and Suspension
rapid ID 32 A	32300	25 Strips
BACILLUS	REF.	Packaging
API 50 CH	50300	10 Strips

API 50 CHB/E medium	50430	10 Ampoules
CAMPYLOBACTER		
	REF.	Packaging
API Campy	20800	12 Strips and medium
CORYNEBACTERIUM		
	REF.	Packaging
API Coryne	20900	12 Strips
ENTEROBACTERIACEAE		
	REF.	Packaging
API 20 E	20100	25 Strips
API 20 E reagent QC Tests	20420	30 Tests Per Box
API 20E	20160	100 Strips
API 50 CH	50300	10 Strips
apiD 20E Suspension Medium	20710 R	
ID 32 E	32400	25 Strips
RapiD 20E	20701	25 Strips
Rapid ID 32 E	32700	25 Strips
LACTOBACILLUS		
	REF.	Packaging
API 50 CH	50300	10 Strips
API LISTERIA		
	REF.	Packaging
API Listeria	10300	10 Strips and ZYM B reagent & medium
NON ENTERIC GRAM NEGATIVE RODS		
	REF.	Packaging
API 20 NE	20050	25 Strips and Suspension
STAPHYLOCOCCUS		
	REF.	Packaging

API Staph	20500	25 Strips and Suspension
ID 32 STAPH	32500	25 Strips
STREPTOCOCCUS		
	REF.	Packaging
API 20 Strep	20600	25 Strips and Suspension
Rapid ID 32 STREP	32600	25 Strips
YEASTS		
	REF.	Packaging
API 20 C AUX	20210	25 Strips and Suspension
ID 32 C	32200	25 Strips and Suspension media
ENZYMES		
	REF.	Packaging
API ZYM	25200	25 Strips
API ZYM A	70494	2 x 8ml Ampoules
API ZYM B	70493	2 x 8ml Ampoules
REAGENTS AND ACCESSORIES		
	REF.	Packaging
Ampoule guards (50 CH range)	70902	Pack of 3
Ampoule guards (API/ID 32 range)	70901	Pack of 3
API 50 CHB/E medium	50430	10 Ampoules
API 50 CHL medium	50410	10 Ampoules
API BCP	70510	5ml Bottle
API EHR	70520	5ml Bottle
API FB	70562	2 x 5ml Ampoules
API M (Motility medium)	50120	10 Ampoules x 5ml
API NIN	70491	2 x 5ml Bottles
API NIT 1 & NIT 2	70442	2 x 5ml NIT 1; 2 x 5ml NIT 2 Ampoules 2 x 5ml NIT 1; 2 x 5ml NIT 2 Ampoules

API OF medium	50110	10 Ampoules x 5ml
API PYZ	70492	2 x 5ml Bottles
API TDA	70402	2 x 5ml Ampoules
API VP 1 & VP 2	70422	2 x 5ml VP 1; 2 x 5ml VP 2 Ampoules 2 x 5ml VP 1; 2 x 5ml VP 2 Ampoules
API VP A & VP B	70572	1 x 5ml VP A; 1 x 5ml VP B Ampoules
API VP1 & VP2	70422	2 x 5ml NIT 1; 2 x 5ml NIT 2 Ampoules 2 x 5ml NIT 1; 2 x 5ml NIT 2 Ampoules
API XYL	70530	5ml Bottle
API Zn	70380	2 x 10g
API ZYM A	70494	2 x 8ml Ampoules
API ZYM B	70493	2 x 8ml Ampoules
API® FVB	70500	5ml Bottle
JAMES Reagent	70542	2 x 5ml Ampoules
McFarland Standard Set	70900	6 Ampoules
Mineral Oil	70100	125ml Bottle
NaCl 0.85% (5ml)	20230	100 Ampoules
Stand for 12 ampoules	70200	12 Ampoule Stand
Sterile Loops	70760	10 x 50
Suspension medium (2ml)	70700	100 Ampoules
IDENTIFICATION SOFTWARE	REF.	Packaging
APIWEB™	40011	License
APIWEB™ Annual Renewal	S0401	Renewal

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Etest®

Etest® is a Stable Predefined Antibiotic Gradient Using Novel Dry Chemistry Technology offering:

- Precise MIC showing single dilution antibiotic gradient
- 15 antibiotic dilutions providing a wide concentration range
- Flexible and simple setup enabling individual testing or multiple drug combinations
- Cost effective solution
- Applicable to a broad range of organisms and antimicrobial reagents
- Simple interpretation with a visible MIC gradient

MANUAL SUSCEPTIBILITY TESTING	REF.
AMIKACIN AK 256 US F100	501358
AMIKACIN AK 256 US F30	501350
AMOXI/CLAV 2/1 XL 256 US F100	501058
AMOXI/CLAV 2/1 XL 256 US F30	501050
AMOXICILLIN AC 256 US F100	500958
AMOXICILLIN AC 256 US F30	500950
AMPICIL/SULB 2/1 AB 256 US F30	501850
AMPICIL/SULB 2/1 AB 256 USF100	501858
AMPICILLIN AM 256 US F100	501558
AMPICILLIN AM 256 US F30	501550
AZITHROMYCIN AZ 256 US F100	501658
AZITHROMYCIN AZ 256 US F30	501650
AZTREONAM AT 256 US F100	501758
AZTREONAM AT 256 US F30	501750
BENZYL PENICILLIN PG 256 US F30	502550
BENZYL PENICILLIN PG 256 USF100	502558
BENZYL PENICILLIN PGL 32 US F30	502650
BENZYL PENICILLIN PGL 32 USF100	502658
CEFACLOR CF 256 US F100	504558
CEFACLOR CF 256 US F30	504550
CEFEPIME PM 256 US F100	505058

CEFEPIME PM 256 US F30	505050
CEFOTAXIME CT 256 US F100	505558
CEFOTAXIME CT 256 US F30	505550
CEFOTAXIME CTL 32 US F100	505658
CEFOTAXIME CTL 32 US F30	505650
CEFOTETAN CN 256 US B100	506348
CEFOTETAN CN 256 US F30	506350
CEFOXITIN FX 256 US F100	506558
CEFOXITIN FX 256 US F30	506550
CEFTAZIDIME TZ 256 US F100	506758
CEFTAZIDIME TZ 256 US F30	506750
CEFTIZOXIME CZ 32 US B100	527348
CEFTIZOXIME CZ 32 US B30	527340
CEFTRIAZONE TX 256 US F100	506658
CEFTRIAZONE TX 256 US F30	506650
CEFTRIAZONE TXL 32 US F100	507058
CEFTRIAZONE TXL 32 US F30	507050
CEFUROXIME XM 256 US F100	506958
CEFUROXIME XM 256 US F30	506950
CEPHALOTHIN CE 256 US F100	503558
CEPHALOTHIN CE 256 US F30	503550
CHLORAMPHENICOL CL 256 US F100	507558
CHLORAMPHENICOL CL 256 US F30	507550
CIPROFLOXACIN CI 32 US F100	508658
CIPROFLOXACIN CI 32 US F30	508650
CLINDAMYCIN CM 256 US F100	509558

CLINDAMYCIN CM 256 US F30	509550
DAPTOMYCIN DPC 256 US F100	535058
DAPTOMYCIN DPC 256 US F30	535050
DORIPENEM US F100	535958
DORIPENEM US F30	535950
ERTAPENEM ETP 32 US F100	531658
ERTAPENEM ETP 32 US F30	531650
ERYTHROMYCIN EM 256 US F100	510558
ERYTHROMYCIN EM 256 US F30	510550
FOSFOMYCIN FM 1024 US B100	529148
FOSFOMYCIN FM 1024 US B30	529140
GATIFLOXACIN GA 32 US F100	530258
GATIFLOXACIN GA 32 US F30	530250
GEMIFLOXACIN GEM 32 US F100	530358
GEMIFLOXACIN GEM 32 US F30	530350
GENTAMICIN GM 1024 US B100	512748
GENTAMICIN GM 1024 US B30	512740
GENTAMICIN GM 256 US F100	512558
GENTAMICIN GM 256 US F30	512550
IMIPENEM IP 32 US F100	513658
IMIPENEM IP 32 US F30	513650
LEVOFLOXACIN LE 32 US F100	527458
LEVOFLOXACIN LE 32 US F30	527450
LINEZOLID LZ 256 US F100	531358
LINEZOLID LZ 256 US F30	531350
MEROPENEM MP 32 US F100	513858

MEROPENEM MP 32 US F30	513850
METRONIDAZOLE MZH 256 US F100	530058
METRONIDAZOLE MZH 256 US F30	530050
MINOCYCLINE MC 256 US F100	516058
MINOCYCLINE MC 256 US F30	516050
MOXIFLOXACIN MX 32 US F100	529058
MOXIFLOXACIN MX 32 US F30	529050
OFLOXACIN OF 32 US F100	519658
OFLOXACIN OF 32 US F30	519650
OXACILLIN OX 256 US F100	520558
OXACILLIN OX 256 US F30	520550
PIP/TAZO/CON-4 PTC 256 US F100	521458
PIP/TAZO/CON-4 PTC 256 US F30	521450
PIPERACILLIN PP 256 US F100	521558
PIPERACILLIN PP 256 US F30	521550
QUINUPRI/DALFOPRI QDA 32 US F	528750 528758
RIFAMPICIN RI 32 US F100	526058
RIFAMPICIN RI 32 US F30	526050
TETRACYCLINE TC 256 US F100	522558
TETRACYCLINE TC 256 US F30	522550
TICAR/CLAV-CON-2 TLC 256 US F1	522658
TICAR/CLAV-CON-2 TLC 256 US F30	522650
TIGECYCLINE TGC 256 US F100	533558
TIGECYCLINE TGC 256 US F30	533550
TRIM/SULFA 1/19 TS 32 US F100	524458
TRIM/SULFA 1/19 TS 32 US F30	524450

TRIMETHOPRIM TR 32 US F100	523658
TRIMETHOPRIM TR 32 US F30	523650
VANCOMYCIN VA 256 US F100	525558
VANCOMYCIN VA 256 US F30	525550
ETEST® FOR ANTIFUNGAL SUSCEPTIBILITY TESTING	REF.
FLUCONAZOLE FL 256 US F100	510858
FLUCONAZOLE FL 256 US F30	510850
FLUCYTOSINE FC 32 US F100	510958
FLUCYTOSINE FC 32 US F30	510950
ITRACONAZOLE IT 32 US F100	525858
ITRACONAZOLE IT 32 US F30	525850
ETEST® ESBL CONFIRMATION OF EXTENDED SPECTRUM BETA-LACTAMASE	REF.
ESBL CT/CTL 16/1 US B100	532248
ESBL CT/CTL 16/1 US B30	532240
ESBL TZ/TZL 32/4 US B100	532548
ESBL TZ/TZL 32/4 US B30	532540
ETEST® ACCESSORIES	REF.
APPLICATOR SIMPLEX C76 WW	559802
BIOTOOLS AC ADAPTER	5100700700
BIOTOOLS O-RING VITON® 2 PCS	5100700600
BIOTOOLS PLATEHOLDER (150MM)	5100700300
BIOTOOLS PLATEHOLDER (90MM)	5100700200
BIOTOOLS POWER CABLE EURO	5100700000
BIOTOOLS POWER CABLE USA	5100700100

CLAMP FOC WW	559906
CLAMPS 5-PACK WW	559809
DESICCANT CAPSULES 8 PCS WW	559709
ETEST APPLICATOR TRAY	559909
INOCULATOR RETRO C80 WW	559803
MEASURING STICK 5-PACK WW	559904
Mini Grip	411200
NEMA C88 VACUUM PEN KIT	5100700500
SIMPLEX C76 CARTRIDGEHOLDER	5100700400
STOPFINGERS PLATEHOLDER 3 PCS	5100700800
STORAGE BOX MAXI WW	559902
STORAGE BOX MIDI WW	559901
STORAGE BOX MINI WW	559900
SUCTION CUPS 2 PCS	5100599300
VACUUM PEN NEMA C88 WW	559804

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Vitek®2 compact



VITEK 2 Compact is an automated phenotypic identification system for routine microbial identification that provides less hands on time and quick identification results.

How is the best made better? One compact instrument has it all: vacuum filler, cassette loader, card sealer, reader carousel and waste container all in one small footprint.

This system is offered in three models:

Each card provides :

- Efficiency:** preinserted transfer tubes; manual, external marks not required.
- Performance:** 64-well cards with advanced colorimetric substrates provide higher accuracy.
- Traceability:** each card has a unique barcode identifier linking it to its sample.
- Safety:** each card is hermetically sealed keeping the sample safely inside.

For added convenience, we provide the VITEK 2 Compact Validation Package (Product numbers W2419 in the US; W2420 outside the US).

Identification cards are packaged 20 per box.
VITEK 2 Identification cards can only be used with the VITEK 2 system.

See the bioMérieux representative for additional information.



Packaging

VITEK 2 COMPACT SYSTEMS	REF.	
VITEK 2 Compact	27672	30 card capacity kit
	27673	60 card capacity kit
VITEK 2 COMPACT ACCESSORIES	REF.	Packaging
Networking Configuration Guide Software package to enable the following: -Remote backup/Remote Print/Remote Archive/Remote access -Single user -Use customer's hardware (if follow our minimum hardware specifications0	27685	Software
OBSERVA ®data management software for VITEK 2 Compact & Bact/ALERT® combined	4700013	Software
VITEK 2 Cart (36")	27219	One
VITEK 2 Cart (48")	27217	One
VITEK 2 Compact Validation Package Provides IQ/OQ/PQ guidance	24523	Software
VITEK 2 COMPACT UPGRADES	REF.	Packaging
Additional VITEK 2 Compact 30 Incubator	27679	One
Additional VITEK 2 Compact 60 Incubator	27680	One
Kit VITEK 2 Compact Upgrade (30 to 60)	27675	One
VITEK 2 COMPACT IDENTIFICATION CARDS	REF.	Packaging
VITEK 2 ANC For all anaerobes	21347	20 Cards
VITEK 2 AST- GN65 Veterinary susceptibility card for Gram negatives	412608	20Cards
VITEK 2 AST-GN38 Veterinary susceptibility card for Gram negative bacteria	22331	20 Cards
VITEK 2 AST-GP69 Veterinary susceptibility card for Gram positives	22304	20 Cards
VITEK 2 BCL For Gram positive Rod shaped bacteria	21345	20 Cards
VITEK 2 CBC For <i>Corynebacteria</i> and related genera	21348 NEW	20 Cards
VITEK 2 GN For Gram Negative bacteria	21341	20 Cards
VITEK 2 GP For Gram positive bacteria	21342	20 Cards
VITEK 2 NH For <i>Neisseria</i> and <i>Haemophilus</i> spp	21346	20 Cards
VITEK 2 YST For yeast-like organisms	21343	20 Cards

VITEK2 AST-GP73

414491

20 Cards

VITEK 2 CONSUMABLES & ACCESSORIES

REF.

0.45% Saline, 1000ml	V1205
0.45% Saline, 500ml	V1211
4 Label Kit, Cassette Barcode	530531-4
8.5 x 11 Printer Paper	W1154
Adjustable Volume Dispenser	V1200
BCI Specifications (EN)	510703-5
DensiCHEK Calibrator	93059
DensiCHEK PLUS Standards Kit (0, 0.5, 2.0 & 3.0 McFarland Standards)	21255
DensiCHEK Power Adaptor	98720
DensiCHEK™ PLUS	21250
Dispensor Adaptor	V1206
Instrument User Manual (EN)	510772-1EN1
Lithium Battery for DensiCHEK	27707
Mouse Pad	93043
Power Conditioner 115 (1200 VA)	W2713
Printer Cable	186152-10
Test Tubes (2,000 tubes / case)	69285
UPS 115 (1500 VA)	93162
UPS/Instrument Cable	186133-10
VITEK 2 Compact Printer - HP® 1320N	99393
VITEK 2 Compact Thermometer	399144-1

IDENTIFICATION AND MICROBIAL GENOTYPING / IDENTIFICATION AND MICROBIAL GENOTYPING / Diversilab®



DiversiLab®

The DiversiLab system provides best in class genotypic characterization of bacteria, yeast and mold, providing same day strain typing for real time investigations. Meet your Pharmacopeial regulations for investigations and product control – rapidly locate the source and stop the spread of further contamination.

The system automates and standardizes a traditionally complex process while increasing consistency, reproducibility and ease of interpretation.

The DiversiLab system has wide applications in biotechnology process, biopharmaceutical and environmental control. Software is dynamic, with secure reports and 21CFR11 compliance. The DiversiLab system complements bioMérieux's complete offer in environmental, product control.

Specifications: weight = 10 kg (22 lbs)

Dimensions: W 162 X H 412 X D 290mm (W 64 X H 16.2 X D 11.4 inches)

Contact your bioMérieux representative for more details and product availability.

DIVERSILAB EQUIPMENT	REF.	Packaging
DiversiLab Software	270701	Software
DiversiLab System	270700	Instrument
DiversiLab Validation package	270722	270722
DIVERSILAB SPECIES FINGERPRINTING KITS	REF.	Packaging
DiversiLab Acinetobacter Kit	410946	24 Tests
DiversiLab Archaeobacteria Kit	410948	24 Tests
DiversiLab Aspergillus Kit	410949	24 Tests
DiversiLab Bacillus Kit	410962	24 Tests
DiversiLab Bifidobacterium Kit	410963	24 Tests
DiversiLab Campylobacter Kit	410964	24 Tests
DiversiLab Candida Kit	410965	24 Tests
DiversiLab Clostridium Kit	410966	24 Tests
DiversiLab Clostridium perfringens Kit	410967	24 Tests
DiversiLab Enterobacter Kit	410968	24 Tests
DiversiLab Enterococcus Kit	410969	24 Tests
DiversiLab Escherichia Kit	410980	24 Tests
DiversiLab Fracisella Kit	410993	24 Tests
DiversiLab Klebsiella Kit	410961	24 Tests

DiversiLab Lactobacillus Kit	410982	24 Tests
DiversiLab Listeria Kit	410983	24 Tests
DiversiLab Mycobacterium Kit	410984	24 Tests
DiversiLab Mycoplasma Kit	410985	24 Tests
DiversiLab Mycoplasma tuberculosis Kit	410986	24 Tests
DiversiLab Propionibacterium Kit	410987	24 Tests
DiversiLab Pseudomonas Kit	410988	24 Tests
DiversiLab Saccharomyces Kit	410994	24 Tests
DiversiLab Salmonella Kit	410989	24 Tests
DiversiLab Serratia Kit	410990	24 Tests
DiversiLab Staphylococcus Kit	410991	24 Tests
DiversiLab Streptococcus Kit	410992	24 Tests
DIVERSILAB GENERAL FINGERPRINTING KITS	REF.	Packaging
Diversilab Bacterial Kit	411007	24 Tests
Diversilab Fungal Kit	411008	24 Tests
Diversilab TCQC Kit	270656	96 Tests
Diversilab Training Kit	411164	24 Tests
DIVERSILAB ACCESSORIES	REF.	Packaging
Diversilab Gel Standards	270673	1 Set
Diversilab Mo Bio UltraClean	270676	250 Tests
Diversilab Mo Bio UltraClean®	270675	50 Tests
Diversilab® LabChip® Kit (325 Tests), includes 270678 DI Labchip reagent & 270680 DL Labchip disposable	270670	25 LabChips x 13 Tests
MOBIO Adapter FOR Genie Vortex	270677	One

* Validated for use with *Rhodococcus* and *Nocardia*.

** Validated for use with *Legionella*.

Environmental monitoring media / Environmental monitoring media / 3P Irradiated Media



Pharmaceutical culture media solutions

bioMérieux manufactures a wide range of products for the control of clean rooms and isolators utilized in the pharmaceutical industry.

bioMérieux provides solutions at every step of the environmental monitoring process.

Furthermore, with our entire 3P culture media range validated for storage between 2-25°C, bioMérieux offers you maximum flexibility whatever your storage needs may be.



IRRADIATED TRIPLE WRAPPED 3P™ MEDIA RANGE

For the monitoring of biocontamination in industrial clean rooms and other controlled environments. Validated for isolator use.



3P	REF.	Packaging
Count-Tact 3P Irradiated Agar	43699*	100 plates
Count-Tact 3P Irradiated Agar w/beta lactamase	43288*	20 plates
Count-Tact® 3P Irradiated Agar	43691*	20 plates
TSA 3P Irradiated Agar	43169* 43711*	100 plates 20 plates
TSA 3P Irradiated Agar w/beta-lactamase	43287*	20 plates

Environmental monitoring media / Environmental monitoring media / Settling Plates, Irradiated

LockSure

Its revolutionary design has been engineered to provide maximum security after collecting samples in critical areas. With a simple twist of the lid, the plate securely locks, thereby preventing accidental openings during handling and transport.

Available in both settle plates and contact plates
Prevents contamination caused by accidental opening and provides additional security during the sampling process
No need for unnecessary and risky elastic or adhesive wrapping to ensure the lid stays closed
Lid remains securely attached to the base assuring the integrity fo the samples and the performance of the media

SETTLING PLATES, IRRADIATED (100X15MM)	REF.	Packaging
DE Neutralizing Agar	M1049-IR	Double-Wrapped (10 plates)
R2A Agar	47054	Triple-Wrapped (10 plates)
	47065	Triple-Wrapped, LockSure (10 plates)
	M1065-IR	Double-Wrapped (10 plates)
	47052	Barrier Wrap (10 plates)
Sabouraud Dextrose Agar (SDA)	47058	Triple-Wrapped, LockSure (10 plates)
	47064	Barrier Wrap, LockSure (10 plates)
	M1025-IR	Double-Wrapped (10 plates)
Sabouraud Dextrose Agar w/Lecithin	M1025-TI	Triple-Wrapped (10 plates)
	410135	Barrier Wrap (10 plates)

Sabouraud Dextrose Agar w/Lecithin & Polysorbate 80	M1219-IR	Double-Wrapped (10 plates)
	412092	Double-Wrapped (10 plates)
Tinted Sabouraud Dextrose Agar (SDA)	412204	Double-Wrapped w/Transport Bag (10 plates)
	47056	Barrier Wrap, LockSure (10 plates)
	47060	Barrier Wrap, 32ml fill (10 plates)
	47067	Barrier Wrap, LockSure (10 plates)
	47070	Triple-Wrapped, LockSure, 25ml fill (10 plates)
	47071	Triple-Wrapped, LockSure, 32ml fill (10 plates)
	47073	Barrier Wrap (10 plates)
	47074	Barrier Wrap, 25ml fill (10 plates)
Tryptic Soy Agar	M1040-IR	Double-Wrapped (10 plates)
	M1040-TI	Triple-Wrapped (10 plates)
	M1205-IR	Double-Wrapped, 32ml fill (10 plates)
	M1208-IR	Double-Wrapped, 25ml fill (10 plates)
	M1208-TI	Triple-Wrapped, 25ml fill (10 plates)
	M1253-TI	Triple-Wrapped, 32ml fill (10 plates)
Tryptic Soy Agar w/Lecithin & Polysorbate 80	M1060-IR	Double-Wrapped (10 plates)
	M1060-TI	Triple-Wrapped (10 plates)
	M1232-IR	Double-Wrapped, 35ml fill (10 plates)
Tryptic Soy Agar w/Pyruvate	47062	Barrier Wrap (10 plates)

		Packaging
SETTLING PLATES, IRRADIATED (150X15MM)	REF.	
Sabouraud Dextrose Agar (SDA)	L2039-IR	Double-Wrapped (5 plates)
	L2039-TI	Triple-Wrapped (5 plates)
	410297	Barrier Wrap (10 plates)
Tryptic Soy Agar (TSA)	L2037-IR	Double-Wrapped (5 plates)
	L2037-TI	Triple-Wrapped (5 plates)
	46988	Triple-Wrapped (5 plates)
Tryptic Soy Agar w/Lecithin & Polysorbate 80	L2041-IR	Double-Wrapped (5 plates)

Environmental monitoring media / Environmental monitoring media / Microbial Air Monitoring

BARRIERWRAP SETTling PLATES 150X15MM, IRRADIATED	REF.	
Tryptic Soy Agar (TSA)	410297*	10
SETTLING PLATES 150X15MM -DOUBLE -WRAPPED, IRRADIATED	REF.	
Sabouraud Dextrose Agar (SDA)	L2039-IR*	5
Tryptic Soy Agar (TSA)	L2037-IR	5
Tryptic Soy Agar w/L & P 80 (TSALP80)	L2041-IR*	5
SETTLING PLATES 150X15MM -TRIPLE -WRAPPED, IRRADIATED	REF.	
Sabouraud Dextrose Agar (SDA)	L2039-TI*	5

Tryptic Soy Agar (TSA)	L2037-TI	5
Tryptic Soy Agar w/L & P 80 (TSALP80)	46988	5

AIR SAMPLING		REF.
airIDEAL® 3P™ Traceability air sampler (For Contact Plates)		410174



AIR IDEAL® 3P ACCESSORIES	REF.	
airIDEAL 3P Traceability air sampler (For 100 mm Plates)	410175	
Sampling Screen (90mm)	96309	1
Sampling Screen (Contact Plates)	96304	1
Tripod	96308	1

IRRADIATED SWABS FOR ENVIRONMENTAL MONITORING	REF.	Number of tests
QUANTISWAB® (Triple Wrapped and Irradiated)	43801	200 Tests
Xtra BioSWABS	43800	20 Tests

Environmental monitoring media / Environmental monitoring media / Tinted Sabouraud Dextrose Agar

Managing risk and saving time are critical when performing environmental monitoring. To prevent accidental usage of incorrect plates, bioMérieux, Inc offers a line of tinted Sabouraud Dextrose agar. These plates are easily differentiated from your other environmental monitoring media, allowing you to focus on the critical aspects of your operation.

TINTED SAB DEX AGAR	REF.	Packaging
	412092	100mm standard Irradiated, double wrapped (10 plates)
Sab Dex Agar (SDA)	412204	100mm standard Irradiated, double wrapped w/ transport bag (10 plates)
	47056	100mm LockSure Barrier Wrap for isolator use (10 plates)
	410184	LockSure® contact Barrier Wrap for isolator use (10 plates)
Sab Dex Agar w/ Lecithin & Polysorbate 80 (SDALP80)	412145	FIX System™ contact Irradiated, double wrapped (10 plates)
	412205	FIX System™ contact Irradiated, double wrapped w/ transport bag (10 plates)

Environmental monitoring media / Environmental monitoring media / Contact Plates, Irradiated

FIX SYSTEM™

- Safety - Prevents contamination caused by accidental opening of plates during the sampling process
- Stability - Patented controlled-fit lid design ensures the lid will not come loose during normal use
- Ease of Use - Easy to open lid requires no additional manipulation and no change to your testing methodology

LockSure™

Its revolutionary design has been engineered to provide maximum security after collecting samples in critical areas. With a simple twist of the lid, the plate securely

locks, thereby preventing accidental openings during handling and transport

Available in both settle plates and contact plates

Prevents contamination caused by accidental opening and provides additional security during the sampling process

No need for unnecessary and risky plastic or adhesive wrapping to ensure the lid stays closed

Lid remains securely attached to the base assuring the integrity of the samples and the performance of the media

BarrierWrap™

Patented outer packaging material is impervious to sterilizing agents used in isolators

Complete complement of media formulations meeting USP recommendations

Triple-wrapped configuration provides three layers of protection as well as sterile storage


	REF.	Packaging
CONTACT PLATES IRRADIATED	47050*	Triple-Wrapped, LockSure (10 plates)
	47055*	Barrier Wrap, FIX SYSTEM (10 plates)
DE Neutralizing Agar	C 6047- IX*	Double-Wrapped w/Transport Bag, FIX SYSTEM (10 plates)
	C 6047-TI	Triple-Wrapped, FIX SYSTEM (10 plates)
	C6047-IR	Double-Wrapped, FIX SYSTEM (10 plates)
Lethen Agar	C 6053- IX*	Double-Wrapped w/Transport Bag, FIX SYSTEM (10 plates)
	410133	Barrier Wrap, FIX SYSTEM (10 plates)
	410134	Triple-Wrapped, LockSure (10 plates)
Sabouraud Dextrose Agar w/L & P 80 (SDALP80)	47069*	Barrier Wrap, LockSure (10 plates)
	C 6064- IX*	Double-Wrapped w/Transport Bag, FIX SYSTEM (10 plates)
	C 6064-T I	Triple-Wrapped, FIX SYSTEM (10 plates)
	C6064-IR	Double-Wrapped, FIX SYSTEM (10 plates)
Tryptic Soy Agar w/L & P 80 & Penase	C 6095- IX*	Double-Wrapped w/Transport Bag, FIX SYSTEM (10 plates)
	46989	Barrier Wrap, LockSure (10 plates)
	46991	Triple-Wrapped, LockSure (10 plates)
	46992	Barrier Wrap, FIX SYSTEM (10 plates)
Tryptic Soy Agar w/L & P 80 (TSALP80)	C 6045- IX*	Double-Wrapped w/Transport Bag, FIX SYSTEM (10 plates)
	C 6045-T I	Triple-Wrapped, FIX SYSTEM (10 plates)
	C6045-IR	Double Wrapped, FIX SYSTEM (10 plates)
Tryptic Soy Agar w/L & P 80 and Penase (100mu/l)	C6095-IR*	Double-Wrapped, FIX SYSTEM (10 plates)
	47057*	Barrier Wrap, LockSure (10 plates)
Tryptic Soy Agar w/L, P 80 & Pyruvate	47063*	Barrier Wrap, FIX SYSTEM (10 plates)
	C 6105- IX*	Double-Wrapped w/Transport Bag, FIX SYSTEM (10 plates)
Tryptic Soy Agar w/Polysorbate 80 (TSALP80)	C6105-IR*	Double-Wrapped, FIX SYSTEM (10 plates)

Environmental monitoring media / Environmental monitoring media / Contact Plates

	REF.	Packaging
CONTACT PLATES, SINGLE-WRAPPED		
Anaerobic Blood Agar —CDC Formulation	C 6073	10
Cooke Rose Bengal Agar	C 6063	10
DE Neutralizing Agar	C 6047*	10
Rose Bengal Agar w/Chloramphenicol	C 6117*	10

Sabouraud Dextrose Agar (SDA)	C 6056	10
Sabouraud Dextrose Agar w/L & P 80 (SDALP80)	C 6064	10
Tryptic Soy Agar (TSA)	C 6050*	10
Tryptic Soy Agar w/5% Sheep Blood (Blood Agar)	C 6052*	10
Tryptic Soy Agar w/L & P 80 (TSALP80)	C 6045	10
Tryptic Soy Agar w/L & P 80 and Penase (100 mu/l)	C 6095*	10


Sterility testing Media / Multi-Use Bottle, Screw Cap w/ Septa





MULTI-USE BOTTLE, SCREW CAP W/ SEPTA	REF.	
Clear Thioglycollate with resazurin (FTM)	44021	12x100ml
Clear Thioglycollate with resazurin - Clean Room (FTM)	42634	6x100ml
Fluid A - Rinsing Solution	33871	6x200ml
	42044	12x100ml
	42616	4x300ml
Fluid A - Rinsing Solution - Clean Room	42640	6x100ml
Fluid D - Rinsing Solution	33872	6x200ml
	42624	4x300ml
Fluid D - Rinsing Solution - Clean Room	42644	6x100ml
Fluid K - Rinsing Solution	33862	4x300ml
	33890	12x100ml
Thioglycollate with resazurin (FTM)	33867	6x200ml
	44001	12x100ml
Tryptic Soy Broth (TSB)	33866	6x200ml
	44011	12x100ml
Tryptic Soy Broth - Clean Room (TSB)	42633	6x100ml

Sterility testing Media / Sterility testing Media / Media Fill Test Media

DEHYDRATED CULTURE MEDIA FOR THE MEDIA FILL TEST	REF.	Packaging
TSB 3P Animal Peptones irradiated	51101	5kg
	51102	500g
TSB 3P Vegetal Peptones irradiated	410782	5kg
	410783	500g
TSB 3P Vegetal Peptones with color indicator irradiated	51103	5kg
	51104	500g

Sterility testing Media / Sterility testing Media / Sterility Media, Other Bottle Types

FLUID A RINSING SOLUTION	REF.	
	302134	12x100 ml
Polycarbonate Bottle - Screw Cap	411803	12x300 ml
	411927	6x600 ml
	411928	6x1000 ml
Pour Bottle-Screw Cap w/Rubber Septum	P3140*	10x600 ml
Pour Bottle—Screw Cap	302153	12x500 ml
	P1810*	10x300 ml
Pour Bottle—Screw Cap w/Rubber Septum	P1240-SC*	10x500 ml
	P2560*	10x300 ml
	302150	20x200 ml
	302154	12x300 ml
Serum Bottle—Septum, Aluminum Seal & Tamper Proof Cap	302157	12x1000 ml
	P1730	25x100 ml
	P2780-RS*	10x400 ml
FLUID D RINSING SOLUTION	REF.	
Fluid D, Wide Mouth Bottle—Screw Cap	P2880*	25x100 ml
Polycarbonate Bottle - Screw Cap	411804	12x300 ml
	411929	6x600 ml
	411980	6x1000 ml
Pour Bottle-Screw Cap w/Rubber Septum	P3130*	10x600 ml
Pour Bottle—Screw Cap	P1840*	10x300 ml
Pour Bottle—Screw Cap w/Rubber Septum	302155	12x300 ml
	P1250-SC*	10x500 ml
	302161	12x500 ml
Serum Bottle—Septum, Aluminum Seal & Tamper Proof Cap	302188	12x1000 ml
	P1740*	25x100 ml
FLUID THIOGLYCOLLATE MEDIUM (FTM)	REF.	
Pour Bottle-Screw Cap w/Rubber Septum	P1280-SC*	10x500ml
Pour Bottle—Screw Cap	411807	12x100 ml
	411983	6x1000 ml
	302164	20x200 ml
Serum Bottle—Septum, Aluminum Seal & Tamper Proof Cap	P1700	25x100 ml
	P2770-RS*	10x400 ml
Wide-Mouth Bottle, Screw Cap	P2360*	25x100 ml
TRYPTIC SOY BROTH (TSB)	REF.	

Multi-Use Bottle—Screw Cap w/Septum	44011	12x100 ml	
Polycarbonate Bottle - Screw Cap	411926	6x1000 ml	
	411981	6x500 ml	
Pour Bottle—Screw Cap	411982	6x1000 ml	
Pour Bottle—Screw Cap w/Rubber Septum	P1150-SC*	10x500 ml	
Serum Bottle—Septum, Aluminum Seal & Tamper Proof Cap	302253	20x200 ml	
	P1720	25x100ml	
	P2760-RS*	10x400 ml	
Wide Mouth Bottle—Screw Cap	P2310	25x100 ml	
WRAPSURE® BOTTLES FLUID A	REF.		
Pour Bottle —Screw Cap w/Rubber Septa	302140	12x300 ml	
Serum Bottle - Septum Stopper	302141	25x100 ml	
	302184	12x300 ml	
WRAPSURE BOTTLES FLUID D	REF.		
Pour Bottle —Screw Cap w/Rubber Septa	302142	12x300 ml	
Serum Bottle - Septum Stopper	302145	25x100 ml	
WRAPSURE FLUID THIOGLYCOLLATE MEDIUM (FTM)	REF.		
Serum Bottle - Serum Stopper	302177	25x100 ml	
WRAPSURE FLUID TRYPTIC SOY BROTH (TSB)	REF.		
Serum Bottle - Septum Stopper	302284	25x100 ml	

STANDARDIZED STRAINS / Standardized QC Strains / BioBall® Quantitative Microorganisms



Delivering Confidence in Quantitative Microbiology

BioBall® contains a precise number of microorganisms in a water soluble ball delivering unprecedented accuracy for Quantitative Microbiological Quality Control. **BioBall is easy to use** and requires no preparation or pre-incubation. It can be added directly to media or matrix samples.

BioBall is an accredited reference material under ISO Guide 34 standard.

BioBall is available in **four standards** levels:

BioBall SingleShot – mean of between 28 and 33 cfu with a standard deviation of 3 cfu or less (unless otherwise stated). Designed for a precise single inoculation. Ideal positive control for media QC, positive control for pathogen testing in the food industry and as a positive control for water and waste water testing.

BioBall Multishot 550 – mean of between 500 and 600 cfu with a standard deviation of $\leq 10\%$ of the mean. Designed for re-hydration into 1.1 mL of MultiShot 550 Re-Hydration Fluid to provide 10 x 100 μ L doses of 50 cfu. Ideal for pharmaceutical microbiology QC where multiple positive controls in the 10 to 100 cfu range are needed.

BioBall HighDose 10K – mean of between 8,000 and 12,000 cfu with a standard deviation of $\leq 15\%$ of the mean (unless otherwise stated). Designed for a single precise inoculation at a higher cfu level. Ideal positive control for food testing where a higher cfu inoculation is required.

BioBall MultiShot 10e8 – mean of between 0.7 and 1.5×10^8 cfu with a standard deviation of $\leq 20\%$ of the mean. Designed for rehydration into 1.1mL of BioBall Re-Hydration Fluid to provide 10 x 100 μ L doses of 10^7 . Pharmaceutical and cosmetic preparations often require antimicrobial activity to prevent microbial proliferation or to limit the effects of contamination. The Pharmacopoeias require testing these products for the efficacy of antimicrobial preservation (e.g. USP 51, EP 5.1.3, JP19). BioBall MultiShot 10E8 is ideal for this application and simplifies preparation and provides a precise inoculum.

BioBall Plant Isolate is a new service offering, allowing you to order BioBall with any wild-type strain from your in-house collection whether they're environmental monitoring isolates or contaminants of products or raw materials.

BioBall Plant Isolate is manufactured at BTF (a bioMérieux Company) in Sydney Australia and maintains the high level of quality you are accustomed to with standard BioBall products.

Please refer to the BioBall Strains List available online at www.biomerieux-industry.com/bioball for further strain information.

BIOBALL SINGLESHOT 30	REF.	Packaging
BioBall SingleShot <i>Aspergillus brasiliensis</i> NCPF 2275	413842	10 vials/kit
	56022	20 vials/kit
BioBall SingleShot <i>Bacillus cereus</i> NCTC® 7464	413843	10 vials/kit
	56023	20 vials/kit
BioBall SingleShot <i>Bacillus subtilis</i> NCTC 10400	413844	10 vials/kit
	56024	20 vials/kit
BioBall SingleShot <i>Burkholderia cepacia</i> NCTC 10743	414301	10 vials/kit
BioBall SingleShot <i>Candida albicans</i> NCPF 3179	413845	10 vials/kit
	56026	20 vials/kit
BioBall SingleShot <i>Citrobacter freundii</i> NCTC 9750	413846	10 vials/kit
	56027	20 vials/kit
BioBall SingleShot <i>Clostridium perfringens</i> NCTC 8798	413847	10 vials/kit
	56028	20 vials/kit
BioBall SingleShot <i>Clostridium sporogenes</i> NCTC 12935	413848	10 vials/kit
	56029	20 vials/kit
BioBall SingleShot <i>Enterobacter aerogenes</i> NCTC 10006	413849	10 vials/kit
	56030	20 vials/kit
BioBall SingleShot <i>Enterococcus faecalis</i> NCTC 12697	413851	10 vials/kit
	56031	20 vials/kit
BioBall SingleShot <i>Enterococcus faecalis</i> NCTC 775	413850	10 vials/kit
	56032	20 vials/kit
BioBall SingleShot <i>Escherichia coli</i> NCTC 12241	413834	10 vials/kit
	56035	20 vials/kit
BioBall SingleShot <i>Escherichia coli</i> NCTC 12923	413833	10 vials/kit
	56034	20 vials/kit
BioBall SingleShot <i>Escherichia coli</i> NCTC 9001	413832	10 vials/kit
	56033	20 vials/kit

BioBall SingleShot <i>Kocuria rhizophila</i> NCTC 8340	412690	20 vials/kit
	413835	10 vials/kit
BioBall SingleShot <i>Listeria innocua</i> NCTC 11288	413836	10 vials/kit
	56038	20 vials/kit
BioBall SingleShot <i>Listeria monocytogenes</i> NCTC 11994	413837	10 vials/kit
	56039	20 vials/kit
BioBall SingleShot <i>Pseudomonas aeruginosa</i> NCTC 12924	413839	10 vials/kit
	56040	20 vials/kit
BioBall SingleShot <i>Salmonella abaeetetuba</i> NCTC 8244	413840	10 vials/kit
	56041	20 vials/kit
BioBall SingleShot <i>Salmonella abony</i> ACM 5080	413841	10 vials/kit
	56042	20 vials/kit
BioBall SingleShot <i>Salmonella salford</i> IMVS 1710	413774	10 vials/kit
	56043	20 vials/kit
BioBall SingleShot <i>Salmonella typhimurium</i> NCTC 12023	413775	10 vials/kit
	56044	20 vials/kit
BioBall SingleShot <i>Staphylococcus aureus</i> NCTC 10788	413773	10 vials/kit
	56045	20 vials/kit
BioBall SingleShot <i>Staphylococcus epidermidis</i> NCTC 6513	413809	10 vials/kit
	56092	20 vials/kit
BioBall SingleShot <i>Streptococcus pyogenes</i> NCTC 12696	413820	10 vials/kit
	56046	20 vials/kit
BIOBALL MULTISHOT 550	REF.	Packaging
BioBall MultiShot <i>Aspergillus brasiliensis</i> NCPF 2275	56001	10 vials/kit
	56011	20 vials/kit
BioBall MultiShot <i>Bacillus subtilis</i> NCTC® 10400	56002	10 vials/kit
	56012	20 vials/kit
BioBall MultiShot <i>Candida albicans</i> NCPF 3179	56003	10 vials/kit
	56013	20 vials/kit
BioBall MultiShot <i>Clostridium sporogenes</i> NCTC 12935	56004	10 vials/kit
	56014	20 vials/kit
BioBall MultiShot <i>Enterococcus faecalis</i> NCTC 12697	56005	10 vials/kit
	56015	20 vials/kit
BioBall MultiShot <i>Escherichia coli</i> NCTC 12923	56006	10 vials/kit
	56016	20 vials/kit
BioBall MultiShot <i>Pseudomonas aeruginosa</i> NCTC 12924	56007	10 vials/kit
	56017	20 vials/kit
BioBall MultiShot <i>Salmonella abony</i> ACM 5080	56008	10 vials/kit
	56018	20 vials/kit
BioBall MultiShot <i>Staphylococcus aureus</i> NCTC 10788	56009	10 vials/kit
	56019	20 vials/kit
BioBall Rehydration Fluid (14 days at -18°C)	410386	20 vials/kit
BioBall Rehydration Fluid (8 hours at 2-8°C)	56021	20 vials/kit
BIOBALL HIGH DOSE 10K	REF.	Packaging
BioBall High Dose 10k <i>Aspergillus brasiliensis</i> NCPF 2275	413776	10 vials/kit
	56049	20 vials/kit

BioBall High Dose 10k <i>Bacillus subtilis</i> NCTC® 10400	413777	10 vials/kit
	56143	20 vials/kit
BioBall High Dose 10k <i>Candida albicans</i> NCPF 3179	413778	10 vials/kit
	56050	20 vials/kit
BioBall High Dose 10k <i>Clostridium perfringens</i> NCTC 8798	413779	10 vials/kit
	56051	20 vials/kit
BioBall High Dose 10k <i>Enterobacter aerogenes</i> NCTC 10006	56052	20 vials/kit
	56158	10 vials/kit
BioBall High Dose 10k <i>Escherichia coli</i> NCTC 9001	56053	20 vials/kit
	56160	10 vials/kit
BioBall High Dose 10k <i>Lactobacillus fermentum</i> NCIMB 6991	413830	10 vials/kit
	56054	20 vials/kit
BioBall High Dose 10k <i>Pseudomonas aeruginosa</i> NCTC 12924	413831	10 vials/kit
	56144	20 vials/kit
BioBall High Dose 10k <i>Staphylococcus aureus</i> NCTC 10788	56055	20 vials/kit
	56159	10 vials/kit
BIOBALL MULTISHOT 10E8 CFU	REF.	Packaging
BioBall MultiShot 10e8 <i>Aspergillus brasiliensis</i> NCPF 2275	410106	10 vials/kit
BioBall MultiShot 10e8 <i>Candida albicans</i> NCPF 3179	56145	10 vials/kit
BioBall MultiShot 10e8 <i>Escherichia coli</i> NCTC® 12923	56146	10 vials/kit
BioBall MultiShot 10e8 <i>Pseudomonas aeruginosa</i> NCTC 12924	56147	10 vials/kit
BioBall MultiShot 10e8 <i>Staphylococcus aureus</i> NCTC 10788	56148	10 vials/kit
BioBall MultiShot Mixed Kit	412540	20 vials/kit
BioBall Rehydration Fluid (use with MultiShot)	56021	20 vials/kit
BioBall Single Shot Mixed Kit	412541	20 vials/kit
MIXED KITS - GROWTH PROMOTION KIT	REF.	Packaging
Kit Contents: 2 vials of each microorganism		
Aspergillus brasiliensis NCPF 2275		
Bacillus subtilis NCTC 10400		
Candida albicans NCPF 3179		
Escherichia coli NCTC 12923		
Pseudomonas aeruginosa NCTC 12924		
Staphylococcus aureus NCTC 10788		
BioBall MultiShot 550 Growth Promotion Kit	412540	12 vials
BioBall SingleShot Growth Promotion Kit	412541	12 vials
MIXED KITS - STERILITY ASSURANCE KIT	REF.	Packaging
Kit Contents: 2 vials of each microorganism		

Aspergillus brasiliensis NCPF 2275
 Bacillus subtilis NCTC 10400
 Candida albicans NCPF 3179
 Clostridium sporogenes NCTC 12935
 Pseudomonas aeruginosa NCTC 12924
 Staphylococcus aureus NCTC 10788

Aspergillus brasiliensis NCPF 2275		2 vials/kit
Bacillus subtilis NCTC 10400		2 vials/kit
BioBall MultiShot 550 Growth Promotion Kit	412647	12 vials 12 vials
BioBall SingleShot Growth Promotion Kit	412646	12 vials 12 vials
Candida albicans NCPF 3179		2 vials/kit
Clostridium sporogenes NCTC 12935		2 vials/kit
Pseudomonas aeruginosa NCTC 12924		2 vials/kit
Staphylococcus aureus NCTC 10788		2 vials/kit

MIXED KITS - ANTIMICROBIAL EFFECTIVENESS KIT

REF.

Packaging

Kit Contents: 2 vials of each microorganism

Aspergillus brasiliensis NCPF 2275
 Candida albicans NCPF 3179
 Escherichia coli NCTC 12923
 Pseudomonas aeruginosa NCTC 12924
 Staphylococcus aureus NCTC 10788

Aspergillus brasiliensis NCPF 2275		2 vials/kit
BioBall MultiShot 10e8 Antimicrobial Effectiveness Kit	56150	10 vials 10 vials
Candida albicans NCPF 3179		2 vials/kit
Escherichia coli NCTC 12923		2 vials/kit
Pseudomonas aeruginosa NCTC 12924		2 vials/kit
Staphylococcus aureus NCTC 10788		2 vials/kit

MIXED KITS -GROWTH PROMOTION KIT

REF.

Packaging

Aspergillus brasiliensis NCPF 2275		2 vials/kit
Bacillus subtilis NCTC 10400		2 vials/kit
BioBall MultiShot 550 Growth Promotion Kit	412540	12 vials
BioBall SingleShot Growth Promotion Kit	412541	12 vials
Candida albicans NCPF 3179		2 vials/kit

Escherichia coli NCTC 12923	2 vials/kit
Pseudomonas aeruginosa NCTC 12924	2 vials/kit
Staphylococcus aureus NCTC 10788	2 vials/kit

*Standard deviation <3.5

** Standard deviation < 4

*** Standard deviation <4.5

****Mean of between 40 and 60 cfu with a standard deviation of 7 cfu or less

*****Mean of between 7,000 and 13,000 with a standard deviation of ? 20% of the mean

Strains sourced from NCTC, NCPF, IMVS, NCIMB & ACM. BioBall® does not contain organisms sourced from The American Type Culture Collection®. ATCC is a trademark belonging to the American Type Culture Collection Corporation. BioBall is manufactured using strains sourced from the Health Protection Agency. NCTC is a trademark of the Health Protection Agency.

STANDARDIZED STRAINS / Standardized QC Strains / LyfoCults® Plus QC Microorganisms



LyfoCults® Plus QC Organisms and Sets

LyfoCults Plus is a storage, hydration and inoculation system

The patented 'All-In-One' design is **simple and easy to use**.

Built in inoculation wand that eliminates the need for additional tools and reduces contamination.

The delivery system is **glass free** to improve safety. Other systems use glass in the device.

Hydrate immediately saving time. Other systems take up to 45 minutes to rehydrate.

Convenient QC Sets are also available for all identification products (VITEK®2 Compact, API®/ID32)

Available in 2 packs.

The most technologically advanced microorganism system on the market

All customers are required to sign an ATCC® end-user agreement prior to purchasing **LyfoCults Plus** products.

The ATCC® Licensed Derivative Emblem, the ATCC® Licensed Derivative word mark, and the ATCC® catalog marks are trademarks of ATCC®. BioMérieux, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.

LYFOCULTS PLUS QC MICROORGANISMS	REF.	Packaging
LyfoCults Plus <i>E. hirae</i> 10541	415545	2 Pk
LyfoCults Plus <i>A. odontolyticus</i> 17929	415531	2 Pk
LyfoCults Plus <i>A. acetii</i> (15973)	300757	2 Pk
LyfoCults Plus <i>A. aneurinolyticus</i> 11376 2pk	300776	2 Pk
LyfoCults Plus <i>A. aphrophilus</i> 33389	301192	2 Pk
	301193	5 Pk
LyfoCults Plus <i>A. baumannii</i> (19606)	300735	2 Pk
LyfoCults Plus <i>A. baumannii</i> BAA-747	300772	2 Pk
	300773	5 Pk
LyfoCults Plus <i>A. caviae</i> (15468)	300747	2 Pk
LyfoCults Plus <i>A. faecalis</i> (19018)	300763	2 Pk

LyfoCults Plus <i>A. faecalis</i> (35655)	300765	2 Pk
	300766	5 Pk
LyfoCults Plus <i>A. faecalis</i> (8750)	300761	2 Pk
LyfoCults Plus <i>A. haemolyticum</i> 9345	300782	2 Pk
	300783	5 Pk
LyfoCults Plus <i>A. haemolyticus</i> 19002	300759	2 Pk
LyfoCults Plus <i>A. haemolyticus</i> BAA-1784	410270	2 Pk
LyfoCults Plus <i>A. hydrophila</i> (7965)	300760	2 Pk
LyfoCults Plus <i>A. hydrophila</i> (7966)	300756	2 Pk
LyfoCults Plus <i>A. hydrophila</i> 35654	300750	2 Pk
	300751	5 Pk
LyfoCults Plus <i>A. hydrophila</i> 49140	300753	2 Pk
LyfoCults Plus <i>A. israelii</i> (12102)	300743	2 Pk
LyfoCults Plus <i>A. lwoffii</i> (15309)	300817	2 Pk
LyfoCults Plus <i>A. lwoffii</i> (17925)	300732	2 Pk
LyfoCults Plus <i>A. niger</i> (16404)	300789	2 Pk
	300790	5 Pk
LyfoCults Plus <i>A. niger</i> (16888)	300786	2 Pk
	300787	5 Pk
LyfoCults Plus <i>A. niger</i> (6275)	300818	2 Pk
LyfoCults Plus <i>A. oryzae</i> (10124)	300795	2 Pk
LyfoCults Plus <i>A. paraphrophilus</i> 49917	301215	2 Pk
LyfoCults Plus <i>A. pleuropneumoniae</i> 27088	300825	2 Pk
LyfoCults Plus <i>A. pleuropneumoniae</i> 27090	300824	2 Pk
LyfoCults Plus <i>A. pyogenes</i> (19411)	300742	2 Pk
LyfoCults Plus <i>A. pyogenes</i> (49698)	300740	2 Pk
LyfoCults Plus <i>A. viridans</i> (10400)	300815	2 Pk
LyfoCults Plus <i>A. viridans</i> (11563)	300744	2 Pk
LyfoCults Plus <i>A. viridans</i> (700406)	300754	2 Pk
LyfoCults Plus <i>A. viscosus</i> (15987)	300768	2 Pk
LyfoCults Plus <i>A. xylosoxidans</i> 27061	300774	2 Pk

LyfoCults Plus Acinetobacter sp. 46466	300739	2 Pk
LyfoCults Plus Acinetobacter sp. 49137	300749	2 Pk
LyfoCults Plus Acinetobacter sp. 49139	300738	2 Pk
LyfoCults Plus Acinetobacter sp. 9957	300764	2 Pk
LyfoCults Plus Aquaspirillum sp. 49643	300778	2 Pk
LyfoCults Plus B. adolescentis 15703	300870	2 Pk
LyfoCults Plus B. agri (51663)	300784 300785	2 Pk 5 Pk
LyfoCults Plus B. aquatica (51341)	303598 303616	2 Pk 5 Pk
LyfoCults Plus B. atrophaeus (9372)	300857	2 Pk
LyfoCults Plus B. badius 14574	303485	2 Pk
LyfoCults Plus B. breve (15700)	300831 300832	2 Pk 5 Pk
LyfoCults Plus B. brevis (8246)	300792	2 Pk
LyfoCults Plus B. bronchiseptica 10580	300876	2 Pk
LyfoCults Plus B. bronchiseptica 4617	300874	2 Pk
LyfoCults Plus B. cepacia (17765)	300903	2 Pk
LyfoCults Plus B. cepacia (25608)	300900 300901	2 Pk 5 Pk
LyfoCults Plus B. cepacia 25416	301497 301498	2 Pk 5 Pk
LyfoCults Plus B. cereus (10876)	300859	2 Pk
LyfoCults Plus B. cereus (11778)	300798 300799	2 Pk 5 Pk
LyfoCults Plus B. cereus (13061)	300796	2 Pk
LyfoCults Plus B. cereus (14579)	300800	2 Pk
LyfoCults Plus B. circulans (61)	300803	2 Pk
LyfoCults Plus B. diminuta (11568)	300898	2 Pk
LyfoCults Plus B. diminuta (19146)	300899	2 Pk
LyfoCults Plus B. distasonis (8503)	300833	2 Pk
LyfoCults Plus B. fragilis (23745)	300840	2 Pk

LyfoCults Plus <i>B. fragilis</i> (25285)	300850 300851	2 Pk 5 Pk
LyfoCults Plus <i>B. laterosporus</i> (64)	300805	2 Pk
LyfoCults Plus <i>B. licheniformis</i> (14580)	415476	2 Pk
LyfoCults Plus <i>B. licheniformis</i> 12759	300807	2 Pk
LyfoCults Plus <i>B. megaterium</i> (9885)	300810	2 Pk
LyfoCults Plus <i>B. megaterium</i> 14581	300836	2 Pk
LyfoCults Plus <i>B. ovatus</i> (8483)	300862 303612	2 Pk 5 Pk
LyfoCults Plus <i>B. ovatus</i> BAA-1296	303524	2 Pk
LyfoCults Plus <i>B. ovatus</i> BAA-1304	303592	2 Pk
LyfoCults Plus <i>B. parapertussis</i> 15311	300853	2 Pk
LyfoCults Plus <i>B. parapertussis</i> 15237	303597	2 Pk
LyfoCults Plus <i>B. pertussis</i> (8467)	300881	2 Pk
LyfoCults Plus <i>B. pertussis</i> (9340)	300880	2 Pk
LyfoCults Plus <i>B. pertussis</i> (9797)	300854	2 Pk
LyfoCults Plus <i>B. pumilus</i> (14884)	300848	2 Pk
LyfoCults Plus <i>B. pumilus</i> BAA-1434	303489	2 Pk
LyfoCults Plus <i>B. sphaericus</i> (4525)	300812	2 Pk
LyfoCults Plus <i>B. subtilis</i> (11774)	300838	2 Pk
LyfoCults Plus <i>B. subtilis</i> (19659)	300830	2 Pk
LyfoCults Plus <i>B. subtilis</i> (6051)	300829	2 Pk
LyfoCults Plus <i>B. subtilis</i> (6633)	300826 300827	2 Pk 5 Pk
LyfoCults Plus <i>B. thetaiotaomicron</i> 29741	300863 303613	2 Pk 5 Pk
LyfoCults Plus <i>B. thuringiensis</i> 10792	300843	2 Pk
LyfoCults Plus <i>B. uniformis</i> (8492)	300865 300866	2 Pk 5 Pk
LyfoCults Plus <i>B. ureolyticus</i> 33387	300867	2 Pk
LyfoCults Plus <i>B. vulgatus</i> (8482)	300868	2 Pk

LyfoCults Plus C pseudodiphtheriae 10700	301013	2 Pk
LyfoCults Plus C pseudodiphtheriae 10701	301015	2 Pk
LyfoCults Plus C uniguttulatus 66033	301066	2 Pk
LyfoCults Plus C. albicans (10231)	300921 300922	2 Pk 5 Pk
LyfoCults Plus C. albicans (14053)	300927 300928	2 Pk 5 Pk
LyfoCults Plus C. albicans (24433)	300932	2 Pk
LyfoCults Plus C. albicans (36232)	300917	2 Pk
LyfoCults Plus C. albicans (60193)	300934 300935	2 Pk 5 Pk
LyfoCults Plus C. albicans (66027)	300930	2 Pk
LyfoCults Plus C. albicans (90028)	300914 303618	2 Pk 5 Pk
LyfoCults Plus C. albicans (90029)	300918	2 Pk
LyfoCults Plus C. albicans 2091	415534	2 Pk
LyfoCults Plus C. albidus (10666)	301027	2 Pk
LyfoCults Plus C. albidus (34140)	301033	2 Pk
LyfoCults Plus C. albidus (66030)	301031	2 Pk
LyfoCults Plus C. bifermentans 638	300925	2 Pk
LyfoCults Plus C. braakii (43162)	300976	2 Pk
LyfoCults Plus C. braakii 10625	415536	2 Pk
LyfoCults Plus C. cellulans (27402)	300996	2 Pk
LyfoCults Plus C. cellulans BAA1816	410279	2 Pk
LyfoCults Plus C. cellulans BAA1817	410282	2 Pk
LyfoCults Plus C. coli (43478)	300936	2 Pk
LyfoCults Plus C. difficile (43593)	300926	2 Pk
LyfoCults Plus C. difficile (9689)	300986	2 Pk
LyfoCults Plus C. diphtheriae 13812	301012	2 Pk
LyfoCults Plus C. freundii (43864)	300989	2 Pk

LyfoCults Plus <i>C. freundii</i> (8090)	300980	2 Pk
	300981	5 Pk
LyfoCults Plus <i>C. freundii</i> (8454)	300979	2 Pk
LyfoCults Plus <i>C. freundii</i> 43864	303621	5 Pk
LyfoCults Plus <i>C. geochares</i> (36852)	300938	2 Pk
LyfoCults Plus <i>C. glabrata</i> (15126)	300947	2 Pk
LyfoCults Plus <i>C. glabrata</i> (15545)	300943	2 Pk
LyfoCults Plus <i>C. glabrata</i> (2001)	300940	2 Pk
LyfoCults Plus <i>C. glabrata</i> (64677)	300886	2 Pk
	303620	5 Pk
LyfoCults Plus <i>C. glabrata</i> (66032)	300942	2 Pk
LyfoCults Plus <i>C. glabrata</i> MYA-2950	300953	2 Pk
LyfoCults Plus <i>C. guilliermondii</i> 6260	300945	2 Pk
LyfoCults Plus <i>C. histolyticum</i> 19401	300990	2 Pk
	303622	5 Pk
LyfoCults Plus <i>C. humicolus</i> (9949)	300779	2 Pk
LyfoCults Plus <i>C. humicolus</i> 64676	415532	2 Pk
LyfoCults Plus <i>C. jeikeium</i> (43734)	301010	2 Pk
LyfoCults Plus <i>C. jejuni</i> (29428)	300911	2 Pk
	300912	5 Pk
LyfoCults Plus <i>C. jejuni</i> (33291)	300905	2 Pk
	300906	5 Pk
LyfoCults Plus <i>C. jejuni</i> (33292)	300913	2 Pk
LyfoCults Plus <i>C. jejuni</i> (33560)	300910	2 Pk
	303617	5 Pk
LyfoCults Plus <i>C. jejuni</i> (49943)	300920	2 Pk
LyfoCults Plus <i>C. jejuni</i> (BAA-1153)	300908	2 Pk
LyfoCults Plus <i>C. kefyri</i> (204093)	300949	2 Pk
LyfoCults Plus <i>C. kefyri</i> (2512)	300968	2 Pk
LyfoCults Plus <i>C. kefyri</i> (66028)	300952	2 Pk
LyfoCults Plus <i>C. kefyri</i> (8553) 2	300951	2 Pk
LyfoCults Plus <i>C. krusei</i> (14243)	300954	2 Pk
	300955	5 Pk

LyfoCults Plus <i>C. laurentii</i> (18803)	301039	2 Pk
LyfoCults Plus <i>C. laurentii</i> (66036)	301046	2 Pk
LyfoCults Plus <i>C. laurentii</i> (76483)	301037	2 Pk
LyfoCults Plus <i>C. lusitaniae</i> 34449	300962	2 Pk
LyfoCults Plus <i>C. lusitaniae</i> 66035	300964	2 Pk
LyfoCults Plus <i>C. minutissimum</i> 23348	300891	2 Pk
LyfoCults Plus <i>C. neoformans</i> 13690	301045	2 Pk
LyfoCults Plus <i>C. neoformans</i> 14116	301051	2 Pk
LyfoCults Plus <i>C. neoformans</i> 204092	301042	2 Pk
LyfoCults Plus <i>C. neoformans</i> 32045	301047	2 Pk
LyfoCults Plus <i>C. neoformans</i> 36556	301043 301044	2 Pk 5 Pk
LyfoCults Plus <i>C. neoformans</i> 66031	301050	2 Pk
LyfoCults Plus <i>C. neoformans</i> 76484	301048	2 Pk
LyfoCults Plus <i>C. novyi</i> (7659)	300991 300992	2 Pk 5 Pk
LyfoCults Plus <i>C. parapsilosis</i> 22019	300965	2 Pk
LyfoCults Plus <i>C. perfringens</i> 12919	301007	2 Pk
LyfoCults Plus <i>C. perfringens</i> 13124	300993 300994	2 Pk 5 Pk
LyfoCults Plus <i>C. perfringens</i> 3624	415533	2 Pk
LyfoCults Plus <i>C. pusillum</i> 19096 2pk	410291	2 Pk
LyfoCults Plus <i>C. rele</i> BAA-1785	410276	2 Pk
LyfoCults Plus <i>C. renale</i> (19412)	301016 303623	2 Pk 5 Pk
LyfoCults Plus <i>C. septicum</i> (12464)	300999	2 Pk
LyfoCults Plus <i>C. sordellii</i> (9714)	301000 301001	2 Pk 5 Pk
LyfoCults Plus <i>C. sporogenes</i> (3584)	301008	2 Pk
LyfoCults Plus <i>C. sporogenes</i> 11437	301006	2 Pk
LyfoCults Plus <i>C. sporogenes</i> 19404	301003	2 Pk

LyfoCults Plus <i>C. sputige</i> (33612)	300956	2 Pk
LyfoCults Plus <i>C. striatum</i> BAA-1293	303528	2 Pk
LyfoCults Plus <i>C. tropicalis</i> (750)	300972	2 Pk
LyfoCults Plus <i>C. tropicalis</i> 13803	300975	2 Pk
LyfoCults Plus <i>C. tropicalis</i> 201380	300971	2 Pk
LyfoCults Plus <i>C. tropicalis</i> 66029	300973 300974	2 Pk 5 Pk
LyfoCults Plus <i>C. tropicalis</i> 9968	415535	2 Pk
LyfoCults Plus <i>C. urealyticum</i> 43044	410273	2 Pk
LyfoCults Plus <i>C. utilis</i> (9950)	300983	2 Pk
LyfoCults Plus <i>C. xerosis</i> (373)	301023	2 Pk
LyfoCults Plus <i>Candida krusei</i> 6258	300959	2 Pk
LyfoCults Plus <i>D. acidovorans</i> 43868	303600 303626	2 Pk 5 Pk
LyfoCults Plus <i>E. casseliflavus</i> 25788	415539	2 Pk
LyfoCults Plus <i>E. aerogenes</i> (13048)	301053 301054	2 Pk 5 Pk
LyfoCults Plus <i>E. aerogenes</i> (35028)	301059	2 Pk
LyfoCults Plus <i>E. aerogenes</i> (35029)	301057	2 Pk
LyfoCults Plus <i>E. aerogenes</i> (49469)	301063	2 Pk
LyfoCults Plus <i>E. aerogenes</i> (51697)	301061	2 Pk
LyfoCults Plus <i>E. aurantiacum</i> 49676	415537	2 Pk
LyfoCults Plus <i>E. avium</i> (49464)	301081 301082	2 Pk 5 Pk
LyfoCults Plus <i>E. avium</i> 14025	303627 303628	2 Pk 5 Pk
LyfoCults Plus <i>E. casseliflavus</i> 700327	301105 303500	2 Pk 5 Pk
LyfoCults Plus <i>E. cloacae</i> (13047)	301067 301068	2 Pk 5 Pk
LyfoCults Plus <i>E. cloacae</i> (23355)	301074	2 Pk
LyfoCults Plus <i>E. cloacae</i> (35030)	301079 301080	2 Pk 5 Pk
LyfoCults Plus <i>E. cloacae</i> (49141)	301071	2 Pk

LyfoCults Plus E. coli (10536)	301020	2 Pk
LyfoCults Plus E. coli (11229)	301135	2 Pk
LyfoCults Plus E. coli (11303)	301134	2 Pk
LyfoCults Plus E. coli (11775)	301122	2 Pk
LyfoCults Plus E. coli (12014)	301125	2 Pk
LyfoCults Plus E. coli (13706)	301024	2 Pk
LyfoCults Plus E. coli (13762)	301022	2 Pk
LyfoCults Plus E. coli (14948)	301120	2 Pk
LyfoCults Plus E. coli (23848)	301098 301099	2 Pk 5 Pk
LyfoCults Plus E. coli (25922)	301131 301132	2 Pk 5 Pk
LyfoCults Plus E. coli (33605)	301119	2 Pk
LyfoCults Plus E. coli (35218)	301140 301141	2 Pk 5 Pk
LyfoCults Plus E. coli (35421)	301127	2 Pk
LyfoCults Plus E. coli (4157)	301148	2 Pk
LyfoCults Plus E. coli (43888)	301029 301030	2 Pk 5 Pk
LyfoCults Plus E. coli (51446)	301137 301138	2 Pk 5 Pk
LyfoCults Plus E. coli (51755)	301149	2 Pk
LyfoCults Plus E. coli (700728)	301156 301157	2 Pk 5 Pk
LyfoCults Plus E. coli (8739)	301145 301146	2 Pk 5 Pk
LyfoCults Plus E. coli (9637)	301143	2 Pk
LyfoCults Plus E. coli 29194	415544	2 Pk
LyfoCults Plus E. coli JM101 33876	301115	2 Pk
LyfoCults Plus E. corrodens 23834	415538	2 Pk
LyfoCults Plus E. corrodens BAA-1152	301064 303461	2 Pk 5 Pk
LyfoCults Plus E. durans (11576)	301087	2 Pk
LyfoCults Plus E. durans (49135)	301089	2 Pk

LyfoCults Plus E. durans (49479)	301086	2 Pk
LyfoCults Plus E. durans (6056)	301083	2 Pk
LyfoCults Plus E. faecalis (10741)	301070	2 Pk
LyfoCults Plus E. faecalis (14506)	301110	2 Pk
LyfoCults Plus E. faecalis (19433)	301090	2 Pk
LyfoCults Plus E. faecalis (29212)	301095	2 Pk
LyfoCults Plus E. faecalis (33186)	301094	2 Pk
LyfoCults Plus E. faecalis (46532)	301026	2 Pk
LyfoCults Plus E. faecalis (49478)	301104	2 Pk
LyfoCults Plus E. faecalis (49533)	301076	2 Pk
LyfoCults Plus E. faecalis (51299)	301107 301108	2 Pk 5 Pk
LyfoCults Plus E. faecalis (7080)	301102	2 Pk
LyfoCults Plus E. faecalis 33186	303629	5 Pk
LyfoCults Plus E. faecalis 49149	415541	2 Pk
LyfoCults Plus E. faecium (19434)	301112	2 Pk
LyfoCults Plus E. faecium (35667)	301113 301114	2 Pk 5 Pk
LyfoCults Plus E. faecium (6569)	301144	2 Pk
LyfoCults Plus E. faecium 49032	415542	2 Pk
LyfoCults Plus E. gallirum (49573)	301036	2 Pk
LyfoCults Plus E. gallirum 700425	301116 303630	2 Pk 5 Pk
LyfoCults Plus E. gergoviae 33028	415540	2 Pk
LyfoCults Plus E. hiraе 8043	415543	2 Pk
LyfoCults Plus E. hormaechei 700323	301072 301073	2 Pk 5 Pk
LyfoCults Plus E. lenta (43055)	301152	2 Pk
LyfoCults Plus E. meningoseptica 13253	301153	2 Pk
LyfoCults Plus E. rhusiopathiae 19414	301117	2 Pk

LyfoCults Plus <i>E. saccharolyticus</i> 43076	303501	5 Pk
	303502	2 Pk
LyfoCults Plus <i>E. sakazakii</i> (51329)	301078	2 Pk
LyfoCults Plus <i>E. tarda</i> (15947)	301052	2 Pk
LyfoCults Plus <i>F. bozema</i> (33217)	301272	2 Pk
LyfoCults Plus <i>F. mag</i> 29328	301401	2 Pk
LyfoCults Plus <i>F. mortiferum</i> 25557	301160	2 Pk
LyfoCults Plus <i>F. necrophorum</i> 25286	301166	2 Pk
LyfoCults Plus <i>F. nucleatum</i> (25586)	301163	2 Pk
LyfoCults Plus <i>F. oxysporum</i> (48112)	301155	2 Pk
LyfoCults Plus <i>F. pedrosoi</i> (28174) 2pk	301154	2 Pk
LyfoCults Plus <i>F. varium</i> 27725	415546	2 Pk
LyfoCults Plus <i>G. candidum</i> (34614)	301161	2 Pk
LyfoCults Plus <i>G. capitatum</i> (10663)	300872	2 Pk
LyfoCults Plus <i>G. capitatum</i> (28576)	300873	2 Pk
LyfoCults Plus <i>G. morbillosum</i> 27824	301173	2 Pk
LyfoCults Plus <i>G. stearothermophilus</i> 10149	301151	2 Pk
LyfoCults Plus <i>G. stearothermophilus</i> 12978	301179	2 Pk
LyfoCults Plus <i>G. stearothermophilus</i> 12980	300820	2 Pk
LyfoCults Plus <i>G. stearothermophilus</i> 7953	300821	2 Pk
LyfoCults Plus <i>G. vaginalis</i> (14018)	301171	2 Pk
LyfoCults Plus <i>G. vaginalis</i> (49145)	301174	2 Pk
LyfoCults Plus <i>H. parahaemolyticus</i> 10014	301204	2 Pk
LyfoCults Plus <i>H. aphrophilus</i> 19415	415547	2 Pk
LyfoCults Plus <i>H. haemolyticus</i> 33390	301197	2 Pk
LyfoCults Plus <i>H. influenzae</i> (9006)	301195	2 Pk
	301198	2 Pk
LyfoCults Plus <i>H. influenzae</i> 10211	301199	5 Pk

LyfoCults Plus H. influenzae 19418	301187	2 Pk
LyfoCults Plus H. influenzae 33533	301177	2 Pk
LyfoCults Plus H. influenzae 35056	301175	2 Pk
LyfoCults Plus H. influenzae 43065	301181	2 Pk
LyfoCults Plus H. influenzae 43163	301191	2 Pk
LyfoCults Plus H. influenzae 49144	301185	2 Pk
	301186	5 Pk
LyfoCults Plus H. influenzae 49247	301182	2 Pk
	301183	5 Pk
LyfoCults Plus H. influenzae 49766	301188	2 Pk
	301189	5 Pk
LyfoCults Plus H. influenzae 9007	301201	2 Pk
	301202	5 Pk
		5 Pk
LyfoCults Plus H. parahaemolyticus 10014	301205	5 Pk
LyfoCults Plus H. parainfluenzae 7901	301209	2 Pk
	310210	5 Pk
LyfoCults Plus H. parainfluenzae 9796	301211	2 Pk
LyfoCults Plus H. paraphrophilus 49146	301212	2 Pk
	301213	5 Pk
LyfoCults Plus H. somnus 700025	301203	2 Pk
LyfoCults Plus I. orientalis/ C krusei (6258)	300959	2 Pk
LyfoCults Plus K denitrificans 33394	415549	2 Pk
LyfoCults Plus K. apiculata (32857)	301281	2 Pk
LyfoCults Plus K. japonica 58370	303508	5 Pk
	303509	2 Pk
LyfoCults Plus K. kristie BAA-752	301277	2 Pk
	301278	5 Pk
LyfoCults Plus K. oxytoca (13182)	301224	2 Pk
LyfoCults Plus K. oxytoca (43165)	301220	2 Pk
LyfoCults Plus K. oxytoca (43863)	301236	2 Pk
LyfoCults Plus K. oxytoca (49131)	301217	2 Pk
	301218	5 Pk
LyfoCults Plus K. oxytoca (700324)	301221	2 Pk
	301222	5 Pk
LyfoCults Plus K. oxytoca 43086	415550	2 Pk
LyfoCults Plus K. oxytoca 43863	303632	5 Pk
		5 Pk

LyfoCults Plus K. oxytoca 8724	412586	2 Pk
LyfoCults Plus K. pneumoniae (4352)	301206	2 Pk
LyfoCults Plus K. pneumoniae (8308)	301241	2 Pk
LyfoCults Plus K. pneumoniae 10031	301225	2 Pk
LyfoCults Plus K. pneumoniae 13882	301227	2 Pk
LyfoCults Plus K. pneumoniae 13883	301233 301234	2 Pk 5 Pk
LyfoCults Plus K. pneumoniae 23357	301230 415477	5 Pk 5 Pk 2 Pk
LyfoCults Plus K. pneumoniae 27736	301239	2 Pk
LyfoCults Plus K. pneumoniae 31488	301325	2 Pk
LyfoCults Plus K. pneumoniae 33495	301244 301245	2 Pk 5 Pk
LyfoCults Plus K. pneumoniae 35657	301250	2 Pk
LyfoCults Plus K. pneumoniae 700603	301247 301248	2 Pk 5 Pk
LyfoCults Plus K. pneumoniae 9997	301232	2 Pk
LyfoCults Plus K. pneumoniae BAA-1705	303479	2 Pk
LyfoCults Plus K. pneumoniae BAA-1706	303481 303585	2 Pk 5 Pk
LyfoCults Plus K. rhizophila (533)	301308	2 Pk
LyfoCults Plus K. rhizophila (9341)	301301	2 Pk
LyfoCults Plus K. rhizophila 9341A	301243	2 Pk
LyfoCults Plus K. rosea (186)	301270 301271	2 Pk 5 Pk
LyfoCults Plus K. varians 51820	415548	2 Pk
LyfoCults Plus L. delbrueckii (7830)	301338	2 Pk
LyfoCults Plus L. acidophilus (314)	301265	2 Pk
LyfoCults Plus L. acidophilus 4356	301255	2 Pk
LyfoCults Plus L. adecarboxylata 23216	301267	2 Pk
LyfoCults Plus L. adecarboxylata 700325	301276	2 Pk
LyfoCults Plus L. casei (393)	301258	2 Pk

LyfoCults Plus <i>L. fermentum</i> (9338)	301273	2 Pk
LyfoCults Plus <i>L. gasseri</i> (19992)	301282	2 Pk
LyfoCults Plus <i>L. grayi</i> (25401)	301291	2 Pk
LyfoCults Plus <i>L. grayi</i> (700545)	301284 303637	2 Pk 5 Pk
LyfoCults Plus <i>L. innocua</i> (33090)	301285 301286	2 Pk 5 Pk
LyfoCults Plus <i>L. ivanovii</i> (19119)	301289	2 Pk 5 Pk
LyfoCults Plus <i>L. lactis</i> (11454)	301263	2 Pk
LyfoCults Plus <i>L. lactis</i> (19257)	301237 301238	5 Pk 2 Pk
LyfoCults Plus <i>L. lactis</i> 19435	415478	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 13932	301253	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 15313	301345	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 19111	301340	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 19112	301331	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 19114	301343	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 19115	301295	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 19118	301242	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> 7644	301292	2 Pk
LyfoCults Plus <i>L. monocytogenes</i> BAA-751	301283	2 Pk
LyfoCults Plus <i>L. plantarum</i> (14917)	301261	2 Pk
LyfoCults Plus <i>L. plantarum</i> (8014)	301334	2 Pk
LyfoCults Plus <i>L. pneumophila</i> 33152	301279	2 Pk
LyfoCults Plus <i>L. rhamnosus</i> (7469)	301333	2 Pk
LyfoCults Plus <i>L. rhamnosus</i> (9595)	301349	2 Pk
LyfoCults Plus <i>L. seeligeri</i> (35967)	301298	2 Pk
LyfoCults Plus <i>L. welshimeri</i> 35897	301288	2 Pk
LyfoCults Plus <i>M. paraoxydans</i> BAA-1818	410285	2 Pk

LyfoCults Plus <i>M. canis</i> (36299)	301360	2 Pk
LyfoCults Plus <i>M. catarrhalis</i> 23246	300889	2 Pk
LyfoCults Plus <i>M. catarrhalis</i> 25238	300884	2 Pk
LyfoCults Plus <i>M. catarrhalis</i> 25240	300887	2 Pk
LyfoCults Plus <i>M. catarrhalis</i> 49143	300895 300896	2 Pk 5 Pk
LyfoCults Plus <i>M. catarrhalis</i> 8176	300893	2 Pk
LyfoCults Plus <i>M. liquefaciens</i> BAA1819	410288	2 Pk
LyfoCults Plus <i>M. luteus</i> (10240)	301354	2 Pk
LyfoCults Plus <i>M. luteus</i> (4698)	301309	2 Pk
LyfoCults Plus <i>M. luteus</i> (49732)	301304	2 Pk
LyfoCults Plus <i>M. luteus</i> (7468)	301350	2 Pk
LyfoCults Plus <i>M. micros</i> 33270	301406	2 Pk
LyfoCults Plus <i>M. morgani</i> (25829)	301324	2 Pk
LyfoCults Plus <i>M. morgani</i> (25830)	301314	2 Pk
LyfoCults Plus <i>M. odoratus</i> (4651)	301158	2 Pk
LyfoCults Plus <i>M. osloensis</i> (10973)	301313	2 Pk
LyfoCults Plus <i>M. osloensis</i> 19976	415551	2 Pk
LyfoCults Plus <i>M. testaceum</i> 15829	301407	2 Pk
LyfoCults Plus <i>Micrococcus</i> sp. 700405	301306 303638	2 Pk 5 Pk
LyfoCults Plus <i>N. brasiliensis</i> 19296	301372	2 Pk
LyfoCults Plus <i>N. farcinica</i> (3308)	301371	2 Pk
LyfoCults Plus <i>N. gonorrhoeae</i> 19424	301316 301317	2 Pk 5 Pk
LyfoCults Plus <i>N. gonorrhoeae</i> 31426	301231 301321 301322	2 Pk 2 Pk 5 Pk
LyfoCults Plus <i>N. gonorrhoeae</i> 43069	301328 301329	2 Pk 5 Pk
LyfoCults Plus <i>N. gonorrhoeae</i> 43070	301336 301337	2 Pk 5 Pk
LyfoCults Plus <i>N. gonorrhoeae</i> 49226	301341 301342	2 Pk 5 Pk

LyfoCults Plus N. gonorrhoeae 49498	301323	2 Pk
LyfoCults Plus N. gonorrhoeae 49926	301319	2 Pk
LyfoCults Plus N. gonorrhoeae 49981	301347	2 Pk
LyfoCults Plus N. lactamica (23970)	301351 301352	2 Pk 5 Pk
LyfoCults Plus N. lactamica (23971)	301356	2 Pk
LyfoCults Plus N. lactamica (49142)	301357	2 Pk
LyfoCults Plus N. meningitidis 13077	301359	2 Pk
LyfoCults Plus N. meningitidis 13090	301361	2 Pk
LyfoCults Plus N. meningitidis 13102	301363	2 Pk
LyfoCults Plus N. meningitidis 35561	301364	2 Pk
LyfoCults Plus N. mucosa (19695)	301365	2 Pk
LyfoCults Plus N. mucosa (49233)	301366	2 Pk
LyfoCults Plus N. otitidisaviarum 14629	301373	2 Pk
LyfoCults Plus N. perflava (14799)	301370	2 Pk
LyfoCults Plus N. sicca (29256)	301369	2 Pk
LyfoCults Plus N. sicca (9913)	301368	2 Pk
LyfoCults Plus N. sicca 29193	415552	2 Pk
LyfoCults Plus O. anthropi 49687	301378	2 Pk
LyfoCults Plus O. anthropi BAA-749	301375 301376	2 Pk 5 Pk
LyfoCults Plus O. ureolytica 43534	301382	2 Pk
LyfoCults Plus O. urethralis 17960	301385	2 Pk
LyfoCults Plus P aeruginosa BAA-1744	303497 303498	5 Pk 2 Pk
LyfoCults Plus P aeruginosa BAA-427	301483	2 Pk
LyfoCults Plus P alcalifaciens 51902	301460	2 Pk
LyfoCults Plus P alcalifaciens 9886	301381	2 Pk
LyfoCults Plus P asaccharolytica 25260	301415	2 Pk

LyfoCults Plus P. asaccharolyticus 14963	301405	2 Pk
LyfoCults Plus P. asaccharolyticus 29743	301398	2 Pk
LyfoCults Plus P. melaninogenica 25845	301417	2 Pk
LyfoCults Plus P. acidilactici 8042	301383	2 Pk
LyfoCults Plus P. acnes (11827)	301421	2 Pk
LyfoCults Plus P. acnes (6919)	301424	2 Pk
LyfoCults Plus P. aerobius 27337	301396 301397	2 Pk 5 Pk
LyfoCults Plus P. aerogenes 27883	301402	2 Pk
LyfoCults Plus P. aeruginosa 10145	301464 301465	2 Pk 5 Pk
LyfoCults Plus P. aeruginosa 15442	301471	2 Pk
LyfoCults Plus P. aeruginosa 19429	301484	2 Pk
LyfoCults Plus P. aeruginosa 25619	301487	2 Pk
LyfoCults Plus P. aeruginosa 27853	301480 301481	2 Pk 5 Pk
LyfoCults Plus P. aeruginosa 35032	301485	2 Pk
LyfoCults Plus P. aeruginosa 35554	301475 301476	2 Pk 5 Pk
LyfoCults Plus P. aeruginosa 700888	301478	2 Pk
LyfoCults Plus P. aeruginosa 9027	301492 301493	2 Pk 5 Pk
LyfoCults Plus P. aeruginosa 9721	301490 301491	2 Pk 5 Pk
LyfoCults Plus P. agglomerans 27155	301387	2 Pk
LyfoCults Plus P. chrysogenum 10106	301392	2 Pk
LyfoCults Plus P. chrysogenum 9179	301377	2 Pk
LyfoCults Plus P. damnosus (29358)	303483	2 Pk
LyfoCults Plus P. fluorescens 13525	301500	2 Pk
LyfoCults Plus P. fluorescens 49838	301395	2 Pk
LyfoCults Plus P. gingivalis 33277	301413	2 Pk
LyfoCults Plus P. hauseri (13315)	301448 303640	2 Pk 5 Pk

LyfoCults Plus <i>P. levii</i> (29147)	300855	2 Pk
LyfoCults Plus <i>P. macerans</i> 8509	301399	2 Pk
LyfoCults Plus <i>P. mirabilis</i> (12453)	301429 301430	2 Pk 5 Pk 5 Pk
LyfoCults Plus <i>P. mirabilis</i> (25933)	301426	2 Pk
LyfoCults Plus <i>P. mirabilis</i> (29245)	301428	2 Pk
LyfoCults Plus <i>P. mirabilis</i> (35659)	301436 301437	2 Pk 5 Pk
LyfoCults Plus <i>P. mirabilis</i> (43071)	301433 301434	2 Pk 5 Pk
LyfoCults Plus <i>P. mirabilis</i> (7002)	301439	2 Pk
LyfoCults Plus <i>P. multocida</i> 12945	415553	2 Pk
LyfoCults Plus <i>P. multocida</i> 43137	301388	2 Pk
LyfoCults Plus <i>P. penneri</i> (33519)	301444	2 Pk
LyfoCults Plus <i>P. pentosaceus</i> 33314	301390	2 Pk
LyfoCults Plus <i>P. polymyxa</i> (43865)	301442	2 Pk
LyfoCults Plus <i>P. polymyxa</i> (7070)	301445 301446	2 Pk 5 Pk
LyfoCults Plus <i>P. polymyxa</i> (842)	300811	2 Pk
LyfoCults Plus <i>P. putida</i> (49128)	301504 301505	2 Pk 5 Pk
LyfoCults Plus <i>P. rettgeri</i> (29944)	301463	2 Pk
LyfoCults Plus <i>P. shigelloides</i> 14029	301410	2 Pk
LyfoCults Plus <i>P. shigelloides</i> 51903	301411	2 Pk
LyfoCults Plus <i>P. stuartii</i> 33672	301467	2 Pk
LyfoCults Plus <i>P. stuartii</i> 49809	301469 301470	2 Pk 5 Pk
LyfoCults Plus <i>P. stutzeri</i> (17588)	301506	2 Pk
LyfoCults Plus <i>P. validus</i> (29948)	303492	2 Pk
LyfoCults Plus <i>P. vulgaris</i> (33420)	301449	2 Pk
LyfoCults Plus <i>P. vulgaris</i> (49132)	301458 301459	2 Pk 5 Pk
LyfoCults Plus <i>P. vulgaris</i> (6380)	301455	2 Pk

LyfoCults Plus <i>P. vulgaris</i> (6896)	301451	2 Pk
LyfoCults Plus <i>P. vulgaris</i> (8427)	301452	2 Pk
LyfoCults Plus <i>P. vulgaris</i> (9484)	301454	2 Pk
LyfoCults Plus <i>P. wickerhamii</i> 16529	301473	2 Pk
LyfoCults Plus <i>P. DISTASONIS</i> BAA1295 2PK	303531	2 Pk
LyfoCults Plus <i>R. equi</i> (6939)	301508	2 Pk
LyfoCults Plus <i>R. glutinis</i> 32765	415554	2 Pk
LyfoCults Plus <i>R. mucilaginosa</i> 66034	301524	2 Pk
LyfoCults Plus <i>R. pickettii</i> (49129)	301502 301503	2 Pk 5 Pk
LyfoCults Plus <i>R. stolonifer</i> 14037	301511	2 Pk
LyfoCults Plus <i>S. agalactiae</i> BAA-611	415557	2 Pk
LyfoCults Plus <i>S. saprophyticus</i> 43867	415559	2 Pk
LyfoCults Plus <i>S. acremonium</i> 58636	301555	2 Pk
LyfoCults Plus <i>S. agalactiae</i> 12386	301754 301755	2 Pk 5 Pk
LyfoCults Plus <i>S. agalactiae</i> 13813	301679 301680	2 Pk 5 Pk
LyfoCults Plus <i>S. agalactiae</i> 27956	301696	2 Pk
LyfoCults Plus <i>S. albus</i> (3004)	301772	2 Pk
LyfoCults Plus <i>S. anginosus</i> 33397	301683	2 Pk
LyfoCults Plus <i>S. aureus</i> (12600)	301612	2 Pk
LyfoCults Plus <i>S. aureus</i> (25178)	301614	2 Pk
LyfoCults Plus <i>S. aureus</i> (25904)	301605	2 Pk
LyfoCults Plus <i>S. aureus</i> (25923)	301586 301587	2 Pk 5 Pk
LyfoCults Plus <i>S. aureus</i> (29213)	301589 301590	2 Pk 5 Pk
LyfoCults Plus <i>S. aureus</i> (33591)	301593 301594	2 Pk 5 Pk
LyfoCults Plus <i>S. aureus</i> (33592)	301596	2 Pk
LyfoCults Plus <i>S. aureus</i> (33862)	301598	2 Pk

LyfoCults Plus <i>S. aureus</i> (43300)	301621	2 Pk
	301622	5 Pk
LyfoCults Plus <i>S. aureus</i> (49444)	301607	2 Pk
LyfoCults Plus <i>S. aureus</i> (49476)	301592	2 Pk
LyfoCults Plus <i>S. aureus</i> (51153)	301619	2 Pk
LyfoCults Plus <i>S. aureus</i> (51740)	301600	2 Pk
LyfoCults Plus <i>S. aureus</i> (6538)	301602	2 Pk
	301603	5 Pk
LyfoCults Plus <i>S. aureus</i> (6538P)	301609	2 Pk
	301610	5 Pk
LyfoCults Plus <i>S. aureus</i> (700699)	301597	2 Pk
LyfoCults Plus <i>S. aureus</i> (BAA-1026)	301616	2 Pk
	301617	5 Pk
LyfoCults Plus <i>S. aureus</i> (BAA-976)	301624	2 Pk
	601625	5 Pk
LyfoCults Plus <i>S. aureus</i> (BAA-977)	301627	2 Pk
	301628	5 Pk
LyfoCults Plus <i>S. aureus</i> 11632	301682	2 Pk
LyfoCults Plus <i>S. aureus</i> 29247	415558	2 Pk
LyfoCults Plus <i>S. bovis</i> (33317)	301703	2 Pk
LyfoCults Plus <i>S. bovis</i> (49133)	301687	2 Pk
LyfoCults Plus <i>S. boydii</i> (9207)	301570	2 Pk
LyfoCults Plus <i>S. capitis</i> (35661)	301630	2 Pk
LyfoCults Plus <i>S. cerevisiae</i> 2601	301514	2 Pk
LyfoCults Plus <i>S. cerevisiae</i> 4098	301520	5 Pk
	415479	2 Pk
LyfoCults Plus <i>S. cerevisiae</i> 9763	301517	2 Pk
	301518	5 Pk
LyfoCults Plus <i>S. constellatus</i> 27823	415560	2 Pk
LyfoCults Plus <i>S. cricetus</i> (19642)	301691	2 Pk
LyfoCults Plus <i>S. dysenteriae</i> (9361)	301573	2 Pk
LyfoCults Plus <i>S. dysenteriae</i> 13313	301572	2 Pk
LyfoCults Plus <i>S. dysgalactiae</i> 12388	301759	2 Pk
LyfoCults Plus <i>S. dysgalactiae</i> 12394	301769	2 Pk
	301770	5 Pk

LyfoCults Plus <i>S. dysgalactiae</i> 9542	301702	2 Pk
LyfoCults Plus <i>S. enterica</i> (10708)	301550	2 Pk
LyfoCults Plus <i>S. enterica</i> (12011)	301362	2 Pk
LyfoCults Plus <i>S. enterica</i> (13076)	301547	2 Pk
LyfoCults Plus <i>S. enterica</i> (25241)	301764	2 Pk
LyfoCults Plus <i>S. enterica</i> (29226)	301554	2 Pk
LyfoCults Plus <i>S. enterica</i> (6539)	301552	2 Pk
LyfoCults Plus <i>S. enterica</i> (7001)	301546	2 Pk
LyfoCults Plus <i>S. enterica</i> (8759)	301542	2 Pk
LyfoCults Plus <i>S. enterica</i> (9150)	301645	2 Pk
LyfoCults Plus <i>S. enterica</i> (9270)	301544	2 Pk
LyfoCults Plus <i>S. enterica</i> 11511	301521	2 Pk
LyfoCults Plus <i>S. enterica</i> 13311	301535	2 Pk
LyfoCults Plus <i>S. enterica</i> 13314	301532	2 Pk
LyfoCults Plus <i>S. enterica</i> 14028	301526 301527	2 Pk 5 Pk
LyfoCults Plus <i>S. enterica</i> 35640	301540	2 Pk
LyfoCults Plus <i>S. enterica</i> 49416	415561	2 Pk
LyfoCults Plus <i>S. enterica</i> 6962	301529	2 Pk
LyfoCults Plus <i>S. enterica</i> 8387	301538	2 Pk
LyfoCults Plus <i>S. epidermidis</i> 12228	301634 301635	2 Pk 5 Pk
LyfoCults Plus <i>S. epidermidis</i> 14990	301640	2 Pk
LyfoCults Plus <i>S. epidermidis</i> 29887	301633	2 Pk
LyfoCults Plus <i>S. epidermidis</i> 35547	301637 301638	2 Pk 5 Pk
LyfoCults Plus <i>S. epidermidis</i> 49134	301643	2 Pk
LyfoCults Plus <i>S. epidermidis</i> 49461	301639	2 Pk
LyfoCults Plus <i>S. epidermidis</i> 700296	301525	2 Pk

LyfoCults Plus <i>S. equi</i> (43079)	301707	2 Pk
LyfoCults Plus <i>S. equi</i> (700400)	301701	2 Pk
LyfoCults Plus <i>S. equi</i> (9528)	301698	2 Pk
LyfoCults Plus <i>S. equi</i> 33398	415530	2 Pk
LyfoCults Plus <i>S. equi</i> 43079	303506	5 Pk
LyfoCults Plus <i>S. equi</i> 700400	303641	5 Pk
LyfoCults Plus <i>S. flexneri</i> (12022)	201577 301576	5 Pk 2 Pk
LyfoCults Plus <i>S. flexneri</i> (9199)	301574	2 Pk
LyfoCults Plus <i>S. gallolyticus</i> 49147	301688 301689	2 Pk 5 Pk
LyfoCults Plus <i>S. gallolyticus</i> 49475	301690	2 Pk
LyfoCults Plus <i>S. gallolyticus</i> 9809	301684 301685	2 Pk 5 Pk
LyfoCults Plus <i>S. griseus</i> (10137)	301771	2 Pk
LyfoCults Plus <i>S. haemolyticus</i> 29970	301644	2 Pk
LyfoCults Plus <i>S. hominis</i> (27844)	301646	2 Pk
LyfoCults Plus <i>S. intermedius</i> 27335	301704	2 Pk
LyfoCults Plus <i>S. lentus</i> (700403)	301650	2 Pk
LyfoCults Plus <i>S. liquefaciens</i> 27592	301556	2 Pk
LyfoCults Plus <i>S. lugdunensis</i> 49576	301716	2 Pk
LyfoCults Plus <i>S. lugdunensis</i> 700328	301652	2 Pk
LyfoCults Plus <i>S. maltophilia</i> 13637	301787	2 Pk
LyfoCults Plus <i>S. maltophilia</i> 17666	301697	2 Pk
LyfoCults Plus <i>S. maltophilia</i> 49130	301694 301695	2 Pk 5 Pk
LyfoCults Plus <i>S. maltophilia</i> 51331	301668 301669	2 Pk 5 Pk
LyfoCults Plus <i>S. marcescens</i> (8100)	301564	2 Pk
LyfoCults Plus <i>S. marcescens</i> 13880	301562	2 Pk
LyfoCults Plus <i>S. marcescens</i> 14756	301558	2 Pk

LyfoCults Plus <i>S. marcescens</i> 43861	301560	2 Pk
	301561	5 Pk
LyfoCults Plus <i>S. marcescens</i> 43862	301708	2 Pk
LyfoCults Plus <i>S. mitis</i> (6249)	301726	2 Pk
LyfoCults Plus <i>S. multivorum</i> (35656)	301583	2 Pk
LyfoCults Plus <i>S. mutans</i> (25175)	301711	2 Pk
LyfoCults Plus <i>S. mutans</i> (35668)	301713	2 Pk
LyfoCults Plus <i>S. odorifera</i> 33077	301566	2 Pk
LyfoCults Plus <i>S. oralis</i> (9811)	301705	2 Pk
LyfoCults Plus <i>S. parasanguinis</i> 15909	301725	2 Pk
LyfoCults Plus <i>S. paucimobilis</i> 29837	301719	2 Pk
	301720	5 Pk
LyfoCults Plus <i>S. pneumoniae</i> 10015	301734	2 Pk
LyfoCults Plus <i>S. pneumoniae</i> 27336	301721	2 Pk
LyfoCults Plus <i>S. pneumoniae</i> 49136	301723	2 Pk
	301724	5 Pk
LyfoCults Plus <i>S. pneumoniae</i> 49150	415562	2 Pk
LyfoCults Plus <i>S. pneumoniae</i> 49619	301728	2 Pk
	301729	5 Pk
LyfoCults Plus <i>S. pneumoniae</i> 6301	301722	2 Pk
LyfoCults Plus <i>S. pneumoniae</i> 6303	301731	2 Pk
LyfoCults Plus <i>S. pneumoniae</i> 6305	301735	2 Pk
LyfoCults Plus <i>S. pneumoniae</i> 700677	301718	2 Pk
LyfoCults Plus <i>S. putrefaciens</i> 49138	301568	2 Pk
LyfoCults Plus <i>S. putrefaciens</i> 8071	415555	2 Pk
LyfoCults Plus <i>S. pyogenes</i> 12353	301738	2 Pk
LyfoCults Plus <i>S. pyogenes</i> 12384	301742	2 Pk
	301743	5 Pk
LyfoCults Plus <i>S. pyogenes</i> 19615	301744	2 Pk
LyfoCults Plus <i>S. pyogenes</i> 49399	301740	2 Pk
LyfoCults Plus <i>S. salivarius</i> 13419	301747	2 Pk
	301748	5 Pk

LyfoCults Plus <i>S. salmonicolor</i> MYA-4550	303514	2 Pk
LyfoCults Plus <i>S. sanguinis</i> 10556	301751	2 Pk
LyfoCults Plus <i>S. saprophyticus</i> 15305	301654 301655	2 Pk 5 Pk
LyfoCults Plus <i>S. saprophyticus</i> 35552	301659	2 Pk
LyfoCults Plus <i>S. saprophyticus</i> 49453	301660	2 Pk
LyfoCults Plus <i>S. saprophyticus</i> 49907	301657	2 Pk
LyfoCults Plus <i>S. saprophyticus</i> BAA-750	301658	2 Pk
LyfoCults Plus <i>S. scuri</i> (29061)	301662 301663	2 Pk 5 Pk
LyfoCults Plus <i>S. sonnei</i> (25931)	301579 301580	2 Pk 5 Pk
LyfoCults Plus <i>S. sonnei</i> (9290)	301582	2 Pk
LyfoCults Plus <i>S. spiritivorum</i> 33861	415556	2 Pk
LyfoCults Plus <i>S. thermophilus</i> 19258	301757 301758	2 Pk 5 Pk
LyfoCults Plus <i>S. uberis</i> (700407)	301767	2 Pk
LyfoCults Plus <i>S. uberis</i> (9927)	301766	2 Pk
LyfoCults Plus <i>S. warneri</i> (49454)	301671	2 Pk
LyfoCults Plus <i>S. xylosus</i> (29971)	301674	2 Pk
LyfoCults Plus <i>S. xylosus</i> (35033)	301672	2 Pk
LyfoCults Plus <i>S. xylosus</i> (49148)	301677 301678	2 Pk 5 Pk
LyfoCults Plus <i>S. xylosus</i> (700404)	301664	2 Pk
LyfoCults Plus <i>Streptococcus</i> sp. 12392	301762	2 Pk
LyfoCults Plus <i>Streptococcus</i> sp. 12401	301753 303644	2 Pk 5 Pk
LyfoCults Plus <i>T. cutaneum</i> 28592	415563	2 Pk
LyfoCults Plus <i>T. mentagrophytes</i> 9533	301773	2 Pk
LyfoCults Plus <i>T. mucoides</i> (204094)	301780	2 Pk
LyfoCults Plus <i>T. rubrum</i> (28188)	301775	2 Pk
LyfoCults Plus <i>T. tonsurans</i> (28942)	301778	2 Pk

LyfoCults Plus V. alginolyticus 17749	301782	2 Pk
LyfoCults Plus V. pantothenticus 14576	301783	2 Pk
LyfoCults Plus V. parahaemolyticus 17802	301785	2 Pk
LyfoCults Plus V. parvula (10790)	301779	2 Pk
LyfoCults Plus V. vulnificus 27562	301786	2 Pk
LyfoCults Plus Y. enterocolitica 9610	301794	2 Pk
LyfoCults Plus Y. lipolytica (9773)	301790	2 Pk
LyfoCults Plus Y. enterocolitica 23715	301792	2 Pk
LyfoCults Plus Y. enterocolitica 27729	301791	2 Pk
LyfoCults Plus Y. kristensenii 33639	301795	2 Pk
LyfoCults Plus Z. bailii MYA-4549	303518	2 Pk
LyfoCults Plus Z. rouxii (28253) 2pk	301796	2 Pk

ATCC Licensed Derivative The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark, and the ATCC catalog marks are trademarks of ATCC. bioMérieux, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures

STANDARDIZED STRAINS / Standardized QC Strains / LyfoCults® Plus QC Sets



LyfoCults® Plus QC Sets

LyfoCults Plus is a storage, hydration and inoculation system

The all-In-One Design is **simple and easy to use**.
Built in inoculation wand that eliminates the need for additional tools and reduces contamination. The delivery system is **glass free** to improve safety. Other systems use glass in the device.
Hydrate immediately saving time. Other systems take up to 45 minutes to rehydrate.
 Convenient QC sets for all identification products (VITEK®2 Compact, API®/ID32).
 Available in 2 packs.

The most technologically advanced microorganism system on the market

All customers are required to sign an ATCC® end-user agreement prior to purchasing **LyfoCults Plus** products.

The ATCC® Licensed Derivative Emblem, the ATCC® Licensed Derivative word mark, and the ATCC® catalog marks are trademarks of ATCC®. BioMérieux, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.

STREAMLINED SETS (FOR SOFTWARE VERSION 5.01 AND HIGHER)	REF.	Packaging
VITEK 2 ANC Streamlined QC Set Bacteroides ovatus ATCC® BAA-1296™ Clostridium septicum ATCC® 12464™	410604	2
VITEK 2 BCL Streamlined QC Set Brevibacillus agri ATCC® 51663a,φ	300784	2
VITEK 2 CBC Streamlined QC Set Corynebacterium urealyticum ATCC® 43044™ Microbacterium testaceum ATCC® 15829™	410602	2

VITEK 2 GN Streamlined QC Set Enterobacter cloacae ATCC® 700323™ Stenotrophomonas maltophilia ATCC® 17666™	410586	2
VITEK 2 GP Streamlined QC Set Enterococcus casseliflavus ATCC® 700327™ Streptococcus thermophilus ATCC® 19258™	410616	2
VITEK 2 NH Streamlined QC Set Eikenella corrodens ATCC® BAA-1152a,ç	301064	2
VITEK 2 YST Streamlined QC Set Candida albicans ATCC® 14053a,ç	300927	2
COMPREHENSIVE SETS (FOR SOFTWARE VERSION 5.01 AND HIGHER)	REF.	Packaging
VITEK 2 ANC Comprehensive QC Set Bacteroides ovatus ATCC® BAA-1296™ Bacteroides vulgatus ATCC® 8482™ Clostridium perfringens ATCC® 13124™ Clostridium septicum ATCC® 12464™ Clostridium sordellii ATCC® 9714™ Corynebacterium striatum ATCC® BAA-1293™ Parabacteroides distasonis ATCC® BAA-1295™	410605	2
VITEK 2 AST -GN QC Set Escherichia coli ATCC® 25922™ Escherichia coli ATCC® 35218™ Klebsiella pneumoniae ATCC® 700603™ Pseudomonas aeruginosa ATCC® 27853™	410609	2
VITEK 2 AST -GP QC Set Enterococcus faecalis ATCC® 29212™ Enterococcus faecalis ATCC® 51299™ Escherichia coli ATCC® 35218™ Staphylococcus aureus ATCC® 29213™ Staphylococcus aureus ATCC® BAA-976™ Staphylococcus aureus ATCC® BAA-977™ Staphylococcus aureus ATCC® BAA-1026™ Streptococcus pneumoniae ATCC® 49619™	410610	2
VITEK 2 AST -YS QC Set Candida krusei ATCC® 6258 Candida parapsilosis ATCC® 22019	410613	2
VITEK 2 BCL Comprehensive QC Set Aneurinibacillus aneurinilyticus ATCC® 11376™ Bacillus badius ATCC® 14574™ Bacillus circulans ATCC® 61™ Bacillus megaterium ATCC® 14581™ Bacillus pumilus ATCC® BAA-1434™ Brevibacillus agri ATCC® 51663™ Brevibacillus laterosporus ATCC® 64™ Enterobacter aerogenes ATCC® 13048™ Paenibacillus macerans ATCC® 8509™ Paenibacillus polymyxa ATCC® 7070™ Paenibacillus validus ATCC® 29948™ Staphylococcus epidermidis ATCC® 12228™	410615	2
VITEK 2 GN Comprehensive QC Set Acinetobacter baumannii ATCC® BAA-747™ Enterobacter cloacae ATCC® 700323™ Elizabethkingia meningoseptica ATCC® 13253™ Klebsiella oxytoca ATCC® 700324™ Ochrobactrum anthropi ATCC® BAA-749™ Proteus vulgaris ATCC® 6380™ Pseudomonas aeruginosa ATCC® 9721™ Pseudomonas aeruginosa ATCC® BAA-1744™ Shigella sonnei ATCC® 25931™ Stenotrophomonas maltophilia ATCC® 17666™	410601	2
VITEK 2 GP Comprehensive QC Set Enterococcus casseliflavus ATCC® 700327™ Enterococcus saccharolyticus ATCC® 43076™ Kocuria kristinae ATCC® BAA-752™ Listeria monocytogenes ATCC® BAA-751™ Staphylococcus saprophyticus ATCC® BAA-750™ Staphylococcus sciuri ssp. Sciuri ATCC® 29061™ Streptococcus equi subsp. Zooepidemicus ATCC® 43079™ Streptococcus pneumoniae ATCC® 49619™ Streptococcus thermophilus ATCC® 19258™	410584	2
VITEK 2 NH Comprehensive QC Set Aggregatibacter aphrophilus ATCC® 33389™ Eikenella corrodens ATCC® BAA-1152™	410611	2

Enterobacter aerogenes ATCC® 13048™
 Haemophilus influenzae ATCC® 9007™
 Neisseria gonorrhoeae ATCC® 19424™
 Neisseria lactamica ATCC® 23970™
 Oligella urethralis ATCC® 17960™
 Paenibacillus polymyxa ATCC® 7070™
 Staphylococcus epidermidis ATCC® 12228™

VITEK 2 YST Comprehensive QC Set

Candida albicans ATCC® 14053™
 Candida glabrata ATCC® MYA-2950™
 Candida lusitanae ATCC® 34449™
 Candida utilis ATCC® 9950™
 Klöeckera japonica ATCC® 58370™
 Oligella ureolytica ATCC® 43534™
 Staphylococcus epidermidis ATCC® 12228™
 Prototheca wickerhamii ATCC® 16529™
 Sporobolomyces salmonicolor ATCC® MYA-4550™
 Trichosporon mucoides ATCC® 204094™
 Zygosaccharomyces bailii ATCC® MYA-4549™

410608 2

VITEK® 2 CBC COMPREHENSIVE QC SET

Arcanobacterium haemolyticum ATCC® BAA-1784™
 Corynebacterium urealyticum ATCC® 43044™
 Corynebacterium renale ATCC® BAA-1785™
 Cellulosimicrobium cellulans ATCC® BAA-1816™
 Cellulosimicrobium cellulans ATCC® BAA-1817™
 Microbacterium paraoxydans ATCC® BAA-1818™
 Microbacterium liquefaciens ATCC® BAA-1819™
 Microbacterium testaceum ATCC® 15829™
 Klebsiella oxytoca ATCC® 700324™
 Ochrobactrum anthropi ATCC® BAA-749™
 Curtobacterium pusillum ATCC® 19096™

410623 2

LYFOCULTS® PLUS API® QUALITY CONTROL SETS

REF.

Packaging

LyfoCults Plus API 20 A QC Set 2PK	410614	2
LyfoCults Plus API 20 C AUX QC Set 2PK	410589	2
LyfoCults Plus API 20 Strep QC Set 2PK	410590	2
LyfoCults Plus API Coryne QC Set 2PK	410625	2
LyfoCults Plus API ID 32 GN QC Set 2PK	410588	2
LyfoCults Plus API NE QC Set 2PK	410626	2
LyfoCults Plus API NH QC Set 2PK	410622	2
LyfoCults Plus API RapID 20 E QC Set 2PK	410621	2
LyfoCults Plus API RAPID ID 32 E QC Set 2PK	410619	2
LyfoCults Plus API RapID32 STREP 2PK	415570	2
LyfoCults Plus API STAPH QC Set 2PK	410620	2
LyfoCults® Plus API® 20E QC Set 2PK	410624	2

 The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark, and the ATCC catalog marks are trademarks of ATCC. bioMérieux, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures

LAB AUTOMATION SAMPLE PREP / Lab automation Sample / Sampl'air Air Samplers

Packaging

AIR SAMPLER

REF.

Sampl'air® Pro

High Performance Microbial Air Sampler for environmental monitoring. Includes traceability functions and PC/printer connection

AESAP1076

1 Unit

Sampl'air® Lite

High Performance Microbial Air Sampler for environmental monitoring

AESAP1075

1 Unit

LAB AUTOMATION SAMPLE PREP / Lab automation Sample / Dilumat™ Automated Gravimetric Diluters**Standardize and Speed up the Microbiological Analysis! Automated sample preparation**

Sample preparation tasks are very time-consuming and are often prone to errors, leading to poor reproducibility and accuracy. bioMérieux provides automated sample preparation equipment with enhanced reliability, speeding up the microbiological analysis.

Standardize sample preparations automatically
 Improve Quality and Efficiency
 Save time and money by increasing your laboratory productivity

Dilumat™ Automated Gravimetric Diluters

Automating sample dilutions using a Dilumat™ automated diluter ensures correct sample dilution and avoids the risk of result errors. Secure and standardize the first step of the microbiological analysis. Save time and money and avoid the time consuming task of preparation and sterilization in 225ml glass bottles.

**DILUMAT™ S - The Fifth Dilumat Generation**

Automated gravimetric diluter

Fast and compact
 Automated rotating arm
 Increase your lab productivity and reduce contamination risks
 Reduce cost per sample

**DILUMAT™4 Fully Automated Gravimetric Diluter**

Rapid and compact
 Automatic dispensing arm
 Total traceability. Programmable, bidirectional communication
 Extended sample weighing range down to 1g
 Management of identification numbers and diluent batch numbers
 Full Connectivity with LIM

**DILUMAT™4X4**

With 4 independent pumps, Dilumat 4 x 4 provides the ability to streamline operations by including up to 4 different broths (for example BPW, ½ Fraser Broth, Typtone Salt and Ringer) on one instrument.



DILUMAT™4 TURBO

Increase the performance of your Dilumat 4 with the "turbo kit". Weigh and perform a 1/10 dilution of a 25g sample with 225 ml diluent in only 8 seconds!

DILUMAT EXPERT EVO	REF.	Packaging
DILUMAT EXPERT EVO Automated Upgradeable Diluter for Samples from 3g - 375g; Delivered with: Base with 2 Built-in Pumps (415215); 1 90 W Power Supply Cable, 1 Power Cord (415212); 1 400ml bag holder (415168); 1 Rotating Arm with attachment screw; 1 Dilumat Expert Control Unit (415217); 2 6.4mm Tubing Sets without priming nozzle (415133); 1 Dilutube (AESDL0410); 1 Sticky Tacs (AESDI0063); 1 pack of 50 Bags (400ml) without filter; 1 pack of 50 Bags (400 ml) with full page filter; 1 Quick Start Guide; 1 Certificate of Conformance; 1 User Manual (CD-ROM) and LabelManager for label customization	4702832	1 Unit
PUMPS (DILUMAT EXPERT EVO)	REF.	Packaging
Dilumat Nozzle Holder Holds 6 Dilutubes Holds 4 Dilutubes	415222 415223	1 Unit 1 Unit
Extension cord for e-Pump	415489	1 Unit
External pump: e-Pump Up to 4 e-Pumps per Dilumat Expert Evo; Plan to order Dilumat Nozzle Holder 4 or 6 Dilutubes and extension cord	415166	1 Unit
XL PACK (DILUMAT EXPERT EVO)	REF.	Packaging
Tubing Set 6.4mm with long Nozzle (4.3in) For use in XL configuration with 400ml bag holder	416002	1 Unit
XL Pack Delivered with: Dilumat Bag Holder, 4L (415169); Arm spacer with tall attachment screw; Dilumat i-flow Tubing Kit (415163); 2 i-flow Tubing Sets, 8mm (2 of 415136); 1 long dispensing Nozzle, 4.3in (416000)	415668	1 Unit
PRIMING NOZZLES (DILUMAT EXPERT EVO)	REF.	Packaging
Diluplug needle nozzle for Dilubag	AESDI0313	1 Unit
Priming Nozzle for Bottles For 1 or 2 liters	AESDI0062	1 Unit
Priming Nozzle for Masterclave 09	AESAT0117A	1 Unit
Priming Nozzle for Masterclave 528	AESMB0016	1 Unit
Priming Nozzle for Masterclave 60 Dispense from bottom Dispense from lid	AESMC0090 AESMC0170	1 Unit 1 Unit

Packaging

TUBING SETS (DILUMAT EXPERT EVO)	REF.	
Dilutube, sterile disposable tubing 24u	AESDL0410	1 Unit
Dual i-flow Kit 10cm tube (8mm) + Y (8mm)	415163	1 Unit
Tubing Set, 6.4mm	415133	1 Unit
Tubing Set, 8mm i-flow	415136	1 Unit
ROTOR TUBING (DILUMAT EXPERT EVO)	REF.	Packaging
Long-life rotor Tubing, 6.4mm 5u	415229	1 Unit
Long-life rotor Tubing, i-flow 8mm 5u	415138	1 Unit
5m	415139	1 Unit
CONNECTABLE ACCESSORIES (DILUMAT EXPERT EVO)	REF.	Packaging
1D Barcode Reader (USB)	AESLM0004D	1 Unit
2D Barcode Reader For Datamatrix, QR code and CAB 1D	415182	1 Unit
Labels for printer 30mm x 50mm (5 rolls - 1250u)	AESLM0037	1 Unit
60mm x 50mm, 850 labels	AESMN8550	1 Unit
RFID Access Cards Pack of 5	415178	1 Unit
USB Cable for printer	AESLM0029B	1 Unit
USB Ticket Printer To be ordered with AESLM0029B	415187	1 Unit
Webcam For remote maintenance	415185	1 Unit
Wireless Adapter	415184	1 Unit
ERGONOMIC ACCESSORIES (DILUMAT EXPERT EVO)	REF.	Packaging
Bag Holder 10 Bags, 400ml	415177	1 Unit
Bag Holder, 1.5L For Bench-top use	415176	1 Unit
Bag Holder, 400ml For Bench-top use	415979	1 Unit
Bag holder, 4L For Bench-top use	415978	1 Unit
Dilumat Bag Holder 1.5L	415170	1 Unit
Dilumat Bag Holder 400 ml	415168	1 Unit

Dilumat Bag Holder 4L XL Pack configuration required	415169	1 Unit
Dilumat Bag Holder 80ml	415171	1 Unit
Dilumat Bowl Holder	415173	1 Unit
Dilumat Control Unit Heads-up stand	415172	1 Unit
Dilusafe bagholder for Dilubag	AESDI0314	1 Unit
Dip tray - Bag holder 10 bags	416450	1 Unit
Foot Switch For Dilumat and PMi	415188	1 Unit
BAGS (DILUMAT EXPERT EVO)	REF.	Packaging
Closing Clips for Bags Pack of 50	DCPBF225B	1 Unit
Full page Filter Bags 30 packs of 50 units (1500 bags)	AES400FB/50G	1 Unit
Sterile Bags, 3500 20 packs of 50 (500 bags)	AES3500/25	1 Unit
Sterile Bags, Irradiated 50 packs of 50 (2500 bags)	AES400/50G	1 Unit
MISCELLANEOUS (DILUMAT EXPERT EVO)	REF.	Packaging
Automated Pipet and Ejector 1.1 ml	SCO8101100	1 Unit
Sticky Tacs	AESDI0063	1 Unit
OTHER (DILUMAT EXPERT EVO)	REF.	Packaging
IQ/OQ Qualification Protocol (English)* *The Qualification protocol IQ/OQ includes the paper file BUT NOT the Qualification on site by the service engineer	415205	1 Unit
Maintenance contract "ECO" 2 years (first year free) if ordered with the device	Call	1 Unit
DILUMAT START	REF.	Packaging
DILUMAT START (1 Pump) Automated Diluter; Delivered with: Base with 1 Built-in Pump; 1 90 W Power Supply Cable, 1 Power Cord (415208); 1 400ml bag holder (415168); 1 Rotating Arm with attachment screw; 1 Dilumat START Control Unit (415216); 1 6.4mm Tubing Set without priming nozzle (415133); 1 Dilutube (AESDL0410); 1 Sticky Tacs (AESDI0063); 1 pack of 50 Bags (400ml) without filter; 1 pack of 50 Bags (400 ml) with full page filter; 1 Quick Start Guide; 1 Certificate of Conformance; 1 User Manual (CD-ROM)	4702834	1 Unit
DILUMAT START (2 Pumps) Automated Diluter; Delivered with: Base with 2 Built-in Pumps; 1 90 W Power Supply Cable, 1 Power Cord (415208); 1 400ml bag holder (415168); 1 Rotating Arm with attachment screw; 1 Dilumat START Control Unit (415216); 2 6.4mm Tubing Sets without priming nozzle	4703006	1 Unit

(415133); 1 Dilutube (AESDL0410); 1 Sticky Tacs (AESDI0063); 1 pack of 50 Bags (400ml) without filter; 1 pack of 50 Bags (400 ml) with full page filter; 1 Quick Start Guide; 1 Certificate of Conformance; 1 User Manual (CD-ROM)

	REF.	Packaging
PUMPS (DILUMAT START)		
Extension cord for e-Pump	415489	1 Unit
External pump: e-Pump Optional addition of 1 external e-Pump to Dilumat Start with 1 built-in pump only	415166	1 Unit
PRIMING NOZZLES (DILUMAT START)		
Diluplug needle nozzle for Dilubag	AESDI0313	1 Unit
Priming Nozzle for Bottles For 1 or 2 liters	AESDI0062	1 Unit
Priming Nozzle for Masterclave 60 Dispense from lid	AESMC0170	1 Unit
Priming Nozzle Masterclave 09	AESAT0117A	1 Unit
Priming Nozzle Masterclave 528	AESMB0016	1 Unit
Priming Nozzle Masterclave 60 Dispense from bottom	AESMC0090	1 Unit
TUBING SETS (DILUMAT START)		
Dilutube, sterile disposable tubing 24u	AESDL0410	1 Unit
Tubing Set, 6.4mm	415133	1 Unit
ROTOR TUBING (DILUMAT START)		
Long-life rotor Tubing, 6.4mm 5u	415229	1 Unit
CONNECTABLE ACCESSORIES (DILUMAT START)		
1D Barcode Reader (USB)	AESLM0004D	1 Unit
2D Barcode Reader For Datamatrix, QR code and CAB 1D	415182	1 Unit
Labels for printer 30mm x 50mm (5 rolls - 1250u) 60mm x 50mm, 850 labels	AESLM0037 AESMN8550	1 Unit 1 Unit
RFID Access Cards Pack of 5	415178	1 Unit
USB Cable for printer	AESLM0029B	1 Unit

USB Ticket Printer To be ordered with AESLM0029B	415187	1 Unit
Webcam For remote maintenance	415185	1 Unit
Wireless Adapter	415184	1 Unit

	REF.	Packaging
ERGONOMIC ACCESSORIES (DILUMAT START)		
Bag Holder 10 Bags, 400ml	415177	1 Unit
Bag Holder, 1.5L For Bench-top use	415176	1 Unit
Bag Holder, 400ml For Bench-top use	415979	1 Unit
Dilumat Bag Holder 1.5L	415170	1 Unit
Dilumat Bag Holder 400 ml	415168	1 Unit
Dilumat Bowl Holder	415173	1 Unit
Dilumat Control Unit Heads-up stand	415172	1 Unit
Dilusafe bagholder for Dilubag	AESDI0314	1 Unit
Dip tray - Bag holder 10 bags	416450	1 Unit
Foot Switch For Dilumat and PMi	415188	1 Unit
BAGS (DILUMAT START)	REF.	Packaging
Closing Clips for Bags Pack of 50	DCPBF225B	1 Unit
Full page Filter Bags 30 packs of 50 units (1500 bags)	AES400FB/50G	1 Unit
Sterile Bags, Irradiated 50 packs of 50 (2500 bags)	AES400/50G	1 Unit
MISCELLANEOUS (DILUMAT START)	REF.	Packaging
Automated Pipet and Ejector 1.1 ml	SCO8101100	1 Unit
Sticky Tacs	AESDI0063	1 Unit
OTHER (DILUMAT START)	REF.	Packaging
IQ/OQ Qualification Protocol (English)* *The Qualification protocol IQ/OQ includes the paper file BUT NOT the Qualification on site by the service engineer	Call	1 Unit

Maintenance contract "ECO" 2 years (first year free) if ordered with the device	Call	1 Unit
DILUMAT EXPERT	REF.	Packaging
DILUMAT EXPERT Automated Diluter for Cosmetic Samples (1g to 2Kg); Delivered with: Base with 2 Built-in Pumps (415209); 1 90 W Power Supply Cable, 1 Power Cord (415212); 1 400ml bag holder (415168); 1 Rotating Arm with attachment screw; 1 Dilumat Expert Control Unit (415217); 2 6.4mm Tubing Sets without priming nozzle (415133); 1 Dilutube (AESDL0410); 1 Sticky Tacs (AESDI0063); 1 pack of 50 Bags (400ml) without filter; 1 pack of 50 Bags (400 ml) with full page filter; 1 Quick Start Guide; 1 Certificate of Conformance; 1 User Manual (CD-ROM) and LabelManager for label customization	4702833	1 Unit
PUMPS (DILUMAT EXPERT)	REF.	Packaging
Dilumat Nozzle Holder Holds 6 Dilutubes	415222	1 Unit
Holds 4 Dilutubes	415223	1 Unit
Extension cord for e-Pump	415489	1 Unit
External pump: e-Pump Up to 4 e-Pumps per Dilumat Expert; Plan to order Dilumat Nozzle Holder for 4 or 6 Dilutubes and extension cord	415166	1 Unit
PRIMING NOZZLES (DILUMAT EXPERT)	REF.	Packaging
Diluplug needle nozzle for Dilubag	AESDI0313	1 Unit
Priming Nozzle for Bottles For 1 or 2 liters	AESDI0062	1 Unit
Priming Nozzle for Masterclave 09	AESAT0117A	1 Unit
Priming Nozzle for Masterclave 528	AESMB0016	1 Unit
Priming Nozzle for Masterclave 60 Dispense from bottom	AESMC0090	1 Unit
Dispense from lid	AESMC0170	1 Unit
TUBING SETS AND NOZZLES (DILUMAT EXPERT)	REF.	Packaging
Dilutube, sterile disposable tubing 24u	AESDL0410	1 Unit
Dual i-flow Kit 10cm tube (8mm) + Y (8mm)	415163	1 Unit
Long dispensing nozzle, 11 cm	416000	1 Unit
Long dispensing nozzle, 16 cm	416001	1 Unit
Tubing set 4.8mm For Cosmetic applications	415135	1 Unit
Tubing Set, 4.8mm, with long nozzle 16cm For Cosmetic applications	416003	1 Unit
Tubing Set, 6.4mm	415133	1 Unit

Tubing Set, 8mm i-flow	415136	1 Unit
ROTOR TUBING (DILUMAT EXPERT)	REF.	Packaging
Long-life rotor tubing, 3.2mm 5u For cosmetic applications requiring maximum accuracy; Splash free	415737	1 Unit
Long-life rotor tubing, 4.8mm 5u For Cosmetic applications	AESMN8532	1 Unit
Long-life rotor Tubing, 6.4mm 5u	415229	1 Unit
Long-life rotor Tubing, i-flow 8mm 5u	415138	1 Unit
5m	415139	1 Unit
CONNECTABLE ACCESSORIES (DILUMAT EXPERT)	REF.	Packaging
1D Barcode Reader (USB)	AESLM0004D	1 Unit
2D Barcode Reader For Datamatrix, QR code and CAB 1D	415182	1 Unit
Labels for printer 30mm x 50mm (5 rolls - 1250u) 60mm x 50mm, 850 labels	AESLM0037 AESMN8550	1 Unit 1 Unit
RFID Access Cards Pack of 5	415178	1 Unit
USB Cable for printer	AESLM0029B	1 Unit
USB Ticket Printer To be ordered with AESLM0029B	415187	1 Unit
Webcam For remote maintenance	415185	1 Unit
Wireless Adapter	415184	1 Unit
ERGONOMIC ACCESSORIES (DILUMAT EXPERT)	REF.	Packaging
Bag Holder 10 Bags, 400ml	415177	1 Unit
Bag Holder, 1.5L For Bench-top use	415176	1 Unit
Bag Holder, 400ml For Bench-top use	415979	1 Unit
Bag holder, 4L For Bench-top use	415978	1 Unit
Dilumat Bag Holder 1.5L	415170	1 Unit
Dilumat Bag Holder 400 ml	415168	1 Unit
Dilumat Bag Holder 80ml	415171	1 Unit

Dilumat Bowl Holder	415173	1 Unit
Dilumat Control Unit Heads-up stand	415172	1 Unit
Dilusafe bagholder for Dilubag	AESDI0314	1 Unit
Dip tray - Bag holder 10 bags	416450	1 Unit
Foot Switch For Dilumat and PMi	415188	1 Unit
BAGS (DILUMAT EXPERT)	REF.	Packaging
Closing Clips for Bags Pack of 50	DCPBF225B	1 Unit
Full page Filter Bags 30 packs of 50 units (1500 bags)	AES400FB/50G	1 Unit
Sterile Bags, Irradiated 50 packs of 50 (2500 bags)	AES400/50G	1 Unit
MISCELLANEOUS (DILUMAT EXPERT)	REF.	Packaging
Automated Pipet and Ejector 1.1 ml	SCO8101100	1 Unit
Sticky Tacs	AESDI0063	1 Unit
OTHER (DILUMAT EXPERT)	REF.	Packaging
IQ/OQ Qualification Protocol (English)* *The Qualification protocol IQ/OQ includes the paper file BUT NOT the Qualification on site by the service engineer	415205	1 Unit
Maintenance contract "ECO" 2 years (first year free) if ordered with the device	Call	1 Unit

LAB AUTOMATION SAMPLE PREP / Lab automation Sample / EasyMix™ Blender

Standardize and Speed up the Microbiological Analysis! Automated sample preparation

Sample preparation tasks are very time-consuming and are often prone to errors, leading to poor reproducibility and accuracy. bioMérieux provides automated sample preparation equipment with enhanced reliability, speeding up the microbiological analysis.

- Standardize sample preparations automatically
- Improve Quality and Efficiency
- Save time and money by increasing your laboratory productivity



EASYMIX™ BLENDER

High Quality blender at a low cost
Digital control display

Packaging

PRESENTATION	REF.	
EasyMix™ Blender	AESAP1068	1 Unit
Optional Waste Drawer Kit (for EasyMix Blender)	AESMI0070	1 Unit
Waste drawer	AESMI0238	1 Unit

LAB AUTOMATION SAMPLE PREP / Lab automation Sample / Smasher Blenders

Standardize and Speed up the Microbiological Analysis! Automated sample preparation

Sample preparation tasks are very time-consuming and are often prone to errors, leading to poor reproducibility and accuracy. bioMérieux provides automated sample preparation equipment with enhanced reliability, speeding up the microbiological analysis.

- Standardize sample preparations automatically
- Improve Quality and Efficiency
- Save time and money by increasing your laboratory productivity

SMASHER™ Blender/Homogenizer

Highest performance - Shortest Blending Time - Lowest Noise Level

High Efficiency and Speed

Thanks to its patented SMASH effect, Smasher first crushes the sample in record time and then automatically adjusts the speed to ensure a perfect homogenization in the enrichment broth. Total blending time is reduced to 15 sec! (Food safety study available upon request).

Intelligent and Quiet

Smasher will sense any difficult sample that prevents full travel of its paddles and automatically returns to its starting position from where it resumes the task, without operator intervention. No need to reposition the blender bag.

At least 10dBA less than other blenders, thanks to a patented soundproof design.

Comfortable Use

Efficient cleaning and disinfection of leak-proof chamber with integrated waste drawer. Paddles can be removed within seconds without tools. Tilt back the chamber at 45° for improved access if needed.



Smasher™ XL

Powering your Productivity - Large Capacity Blender/Homogenizer

Efficient blending up to 4 liters

Perfectly homogenized suspension thanks to the same patented SMASH effect as the original Smasher. Automatically blends one 4L bag, or two 2L bags simultaneously!

Easy-to-clean and improves safety

Integrated waste drawer
Paddles can be removed within seconds

Powering your productivity

Combining Smasher™ XL, Dilumat™ and VIDAS™ UP provides significant productivity gains



SMASHER BLENDER AND HOMOGENIZER	REF.	Packaging
SMASHER™ BLENDER/HOMOGENIZER With patented SMASH effect. Includes 50 sterile bags.	AESAP1064	1 Unit

Standard sterile Stomacher Bags 50 pks of 50	AES400/50G	2500 bags
Sterile Bags with Side Filter 30 pks of 50	AES400P/50G	1500 bags
Sterile Full Filter Bags 60 pks of 25	AES400FB/25G	1500 bags
ACCESSORIES (FOR SMASHER BLENDER/HOMOGENIZER)	REF.	Packaging
Altuglass Bag Holder For 10 units	AESAP0679	1 Unit
Altuglass Bag Holder For 1 unit	AESAP0678	1 Unit
Bunsen Burner Securos Digital	SCU6003000	1 Unit
Closing Clips For Stomacher bags	DCPBF225B	Pack of 50
Pipet Aid Express	BDF7591	1 Unit
Rotating Plater TWISTER	SCU66222	1 Unit
Sterile Spreader 5 pks of 80	DCPES5R	400 each
Straw Pipet Tips, Sterile 1ml 40 pks of 25	AESPP2A1	1000 tips
SMASHER XL LARGE CAPACITY BLENDER/HOMOGENIZER	REF.	Packaging
SMASHER™ XL BLENDER/HOMOGENIZER With Patented Smash Effect -High efficiency 4 paddle, 2 motors -Includes 50 large Stomacher Bags 3500	AESAP1100	1 unit
Stainless Steel Trolley (Optional) On wheels. Includes large waste bucket.	AESFB0100	1 unit
Stomacher Bags 3500 Large - for Smasher XL Large Capacity Blender	AES3500/25	25 bags

LAB AUTOMATION SAMPLE PREP / Lab automation Sample / Automated colony counter EC2

Lab automation Media Prep / Lab automation Media Prep / APS ONE Automated Media Dispensing into Petri Dishes



APS ONE Culture Media Filling System for Petri dishes

A new standard in Petri dish Quality
Standard capacity: 540 plates (10 litres of Agar)
Optional capacity: 800 plates (14 litres of Agar)

Compact and easy-to-use

High capacity carousel, Loading the columns of the carousel is simple as the nominal height facilitates easy stacking. Extreme compact size for its capacity. Ingenious ink jet printer mounting saves place on the bench.

Performance

2 carousels available: 540 plates and 800 plates.

The patented shuttle ensures a high degree of reliability and quality.
Integrated plate cooling system.

High quality sterile plates

The system provides high-quality, sterile plates, minimising the risk of contamination with the machine's easy-to-clean, smooth surfaces.

The risk of contamination of sterile distributed media is reduced as the opening of each plate is limited to 4 s per Petri dish when pouring.

Its pouring quality allows smooth, level media in the Petri dishes without any wave effect.

Communication & traceability

Pictogram-led display very simple to follow.
Ethernet and USB port.

Lab automation Media Prep / Lab automation Media Prep / Automated Media Prep - Masterclave



Automated Culture Media Preparators

Drawing upon over 30 years' experience in the manufacturing of culture media preparators, AES CHEMUNEX (a bioMérieux company) has developed the fifth generation of leading automated media preparation equipment.

Masterclave® 09

Rapidly prepare 1 to 9 liters of high quality culture media within 60 minutes.
Large patented magnetic stirrer provides excellent media homogenization during sterilization and dispensing.
Accurate core temperature monitoring guarantees high quality agar or broth regardless of volume.
Robust lift-assisted safety cover has automatic lock above 80 C and a maintenance free magnetic sensor.

Ideal for fragile media (including agar or broth containing blood or other additives).

Masterclave® 528

For preparation of 5 to 28 liters of media
Extra-large patented magnetic stirrer provides excellent media homogenization during sterilization and dispensing. 3 selectable stirring speeds.
Accurate core temperature monitoring guarantees highest-quality agar or broth even for large volumes.
New robust lift-assisted safety cover provides easy opening/closing. Closes automatically above 80°C.
Polycarbonate transparent window.
Graphic user interface

The Masterclave 528 has been especially designed to suit small to mid-sized laboratory needs: mobility, agar and broth preparation.

New FAST and ECO operating modes let you save time or reduce the cooling water consumption
Graphic display provides clear information - 40 customizable programs - RS232 port for PC-connection
Optional printer provides total traceability
Special cleaning valve ensures ease of cleaning

Masterclave® 60

For preparation of 10 to 60 liters of agar or broth within 90 minutes.
Prepares up to 3500 plates or 260 dilutions.
Easy lid opening/closing due to articulated arm with hydraulic assistance.
Removable magnetic driven stirrer and accurate temperature control.
Inner vessel has no dead volume and drains all contents.
Convenient and easy cleaning and vessel washing.
User-friendly interface.

Quality assurance

Paper or IT traceability (ticket printer). Alphanumeric keyboard for simple programming. Programs are customized to meet specific needs. GLP, FDA and ISO compliant.



APS ONE Culture Media Filling System for Petri dishes

The revolutionary culture media dispensing system that is compact and easy-to-use:

High capacity carousel: 540 plates (10 liters of agar) or 800 plates (14 liters of agar).
Ergonomic, fast and easy loading. Dispenses 650 plates per hour.
Adapted to virtually all 90mm and 55mm petri dishes.
Easy to clean and operate in a sterile (UV) environment.
The patented shuttle ensures a high degree of reliability and quality and allows smooth, level media fills even for low volume agar plates.
Ingenious ink jet printer mounting saves space on the benchtop.
Integrated plate cooling system.
Innovative pictogram-led graphic display and simple user interface.
Full traceability (on USB key and/or optional printer)

High quality sterile plates

Produces high-quality, sterile plates by minimizing the risk of contamination with easy-to-clean surfaces.



PM05 – XY500 Filling System

This automated filling system represents a rapid, accurate and cost-effective solution. Consisting of a high precision dispenser PM05 and a highly repeatable robotic module XY500, it ensures the automated filling of tubes, bottles, flasks for enhanced laboratory productivity.

PM05 peristaltic dispenser - for the automated dispensing of:

- Broth
- Agar in plates
- Tubes, bottles or flasks

The PM05 automatically dispenses volumes from 1 ml to 500 ml with a high degree of accuracy. It has an alpha numeric keyboard which, when combined with a printer, allows full integration within GLP- compliant laboratories.

User-friendly

Easy to program using the menu-driven keypad. Up to 20 programs can be stored in the memory. Easy-to-load tubing makes the operation quick and easy. Compact and easy to handle.

Traceability

A print-out of all dispensing parameters (batch number, user code, dispensed volume) complies with GLP (optional printer).

Repeatable

Automatic calibration and precision of ± 0.1 ml for volumes up to 20 ml. Calibration data can be individually saved in each program. Anti-drip feature. Ideal for 9 ml dilution tubes for food analysis and water laboratories where precision is needed.

Performance

Manual or automatic operation. Simply enter the quantity of doses to be dispensed and the interval delay time. A stand-by mode keeps the culture media recirculated, keeping the media in suspension at the dispensing temperature. Foot switch connection for optimal performance adapted to the operator.

AUTOMATED CULTURE MEDIA PREPARATORS	REF.	Packaging
MASTERCLAVE 09 Capacity of 1 to 9 Liters	AESAP1080	1 Unit
MASTERCLAVE 528 Capacity 5 to 28 Liters	AESAP1081	1 Unit
MASTERCLAVE 60 Capacity of 20 to 60 Liters (3500 Petri dishes or 260 dilutions)	AESAP1067	1 Unit
DISPENSING (FOR AUTOMATED CULTURE MEDIA PREPARATORS)	REF.	Packaging
Priming nozzle for Masterclave 09	AESAT0117A	1 Unit
Priming nozzle for Masterclave 528	AESMB0016	1 Unit
Priming nozzle for Masterclave 60 (dispense from bottom)	AESMC0090	1 Unit
Priming Nozzle Masterclave 60 8 - 11mm I.D.	AESMC0145	1 Unit
DILUMAT S TRACEABILITY	REF.	Packaging
RS232 cable for PC connection	AESDL0109	1 Unit
Ticket printer kit - for Masterclave 528	AESAT2000	1 Unit
		Packaging

AUTOMATED MEDIA DISPENSING	REF.	
APS™ 320 - Automated Plate Pourer/Stacker	AESAP1070	1 Unit
APS™ One - Automated Plate Pourer/Stacker for 90mm plates	AESAP1085	1 Unit
APS™ One - Automated Pourer/Stacker for 55mm plates	AESAP1086	1 Unit
XY500™ Robotic Module for PM05	AESAP1035	1 Unit
AUTOMATED SAMPLE PLATE IDENTIFICATION AND PREPARATION	REF.	Packaging
LABELMASTER™ 2	AESAP1083	1 Unit
EASY COUNT 2 AUTOMATED COLONY COUNTER	REF.	Packaging
EC2™ Automatic Colony Counter	AESEM1011	1 Unit
Lab automation Media Prep / Lab automation Media Prep / Automated colony counter EC2		
Lab automation Media Prep / Lab automation Media Prep / Automated plate labeler- LabelMaster2		
Lab automation Media Prep / Lab automation Media Prep / PMi PERISTALTIC PUMP		
PMI PERISTALTIC PUMP	REF.	Packaging
PMi PERISTALTIC PUMP Automated Programmable Precision Dispenser for Tubes and Bottles; Delivered with: 1 Tubing Set 3.2mm with nozzles (415231); 1 Foot Switch (415188); 1 90 W power supply cable; 1 certificate of conformance; 1 quick start guide; 1 user manual (CD-ROM) and LabelManager for label customization	4702831	1 Unit
PUMPS (PMI)	REF.	Packaging
Extension cord: e-Pump	415489	1 Unit
External pump: e-Pump	415166	1 Unit
TUBING SETS (PMI)	REF.	Packaging
Tubing Set 1.6 mm with nozzles*	415230	1 Unit
Tubing Set 3.2mm with nozzles**	415231	1 Unit

Tubing Set 4.8mm with nozzles**	415232	1 Unit
Tubing Set 6.4mm with nozzles**	415233	1 Unit
Tubing Set 8.0mm with nozzles**	415234	1 Unit

TUBING CONSUMABLES (PMI)	REF.	Packaging
Dispensing nozzle 2mm	AESPP0022	1 Unit
Dispensing nozzle 4mm	AESPP0021	1 Unit
Long-life rotor tubing - I-flow 8mm 5u	415138	1 Unit
Long-life rotor tubing 3.2mm 5u	415737	1 Unit
Long-life rotor tubing 4.8mm 5u	AESMN8532	1 Unit
Long-life rotor tubing 6.4mm 5u	415229	1 Unit
Priming nozzle	AESPP0024	1 Unit
Rotor tubing 1.6mm 5u	AESPP0041	1 Unit

ACCESSORIES (PMI)	REF.	Packaging
1D barcode reader (USB)	AESLM0004D	1 Unit
2D barcode reader For Datamatrix, QR code and CAB 1D	415182	1 Unit
Cable XY500/PMi	415239	1 Unit
Labels for printer 30mm x 50mm (5 rolls - 1250u) 850 labels size 60 x 50	AESLM0037 AESMN8550	1 Unit 1 Unit
RFID Cards - Pack of 5	415178	1 Unit
USB cable for printer to be ordered with AESLM0029B	AESLM0029B	1 Unit
USB ticket printer	415187	1 Unit
Webcam (for remote maintenance)	415185	1 Unit
Wireless Adapter	415184	1 Unit

QUALIFICATION PROTOCOL (PMI)	REF.	Packaging
IQ/OQ protocols (English)*	415249	1 Unit

*The Qualification protocol IQ/OQ includes the paper file BUT NOT the Qualification on site by the service engineer

Molecular extraction / Molecular extraction / NucliSENS® miniMAG® and easyMAG®



Extracting Nucleic Acid in the Molecular Biology Laboratory

Molecular detection requires the extraction of nucleic acids from many different sample types. Therefore, the performance of the extraction step is key to successful molecular detection.

bioMérieux has developed two automated solutions for the extraction:

NucliSENS® easyMAG® is a totally automated system for nucleic acid extraction/purification.

NucliSENS® miniMAG® is a semi-automated solution.

bioMérieux patented BOOM® technology is based on the ability of silica to bind DNA and RNA in high salt concentrations. BOOM technology is recognized as the most efficient method for nucleic acid extraction and is now licensed by bioMérieux for use in many commercially-available solutions.

NucliSENS miniMAG and NucliSENS easyMAG provide:

- Generic extraction for DNA and RNA
- Single procedure and reagent set for all applications
- Simultaneous processing of variable sample and elution volumes
- Compatible with most sample types

	REF.	Packaging
MINIMAG® SEMI AUTOMATED EXTRACTION SYSTEM		
Magnetic Rack 12 hole	200299	One
Micro Tubes 1.5ml with cap	200294	500
NucliSENS Lysis Buffer 2ml	200292	48 Tubes
NucliSENS Magnetic Extraction Reagents	200293	48 Tests
NucliSENS miniMAG Extractor	200396	1
EASYMAG® AUTOMATED EXTRACTION SYSTEM		
BioHit Pipette tips	280146	960
BioHit Pipettor	280141	One
easyMAG Automated Magnetic Extraction System	280140	One
NucliSENS easyMAG Disposables	280135	384 Positions
	280130	4 x 1 Litre

NucliSENS easyMAG Extraction Buffer 1

NucliSENS easyMAG Extraction Buffer 2

280131

4 x 1 Litre

NucliSENS easyMAG Extraction Buffer 3

280132

4 x 1 Litre

NucliSENS easyMAG Lysis Buffer

280134

4 x 1 Litre

NucliSENS easyMAG Magnetic Silica

280133

384 Extractions

General Media / GENERAL MEDIA / Dehydrated Media

DEHYDRATED MEDIA	REF.	Packaging
A-1 Medium	46954	500 g
Agar, Bacteriological	46854 46855	500 g 2 kg
Agar, Purified	46924	500 g
Agar, Select	46946	500 g
Bacillus Cereus Agar Base	46932	500 g
Baird Parker Agar	46808 46829	500 g 2 kg
Beef Extract Powder	46877	500 g
BIGGY Agar	46863	500 g
Bile Esculin Agar	46886 46887	500 g 2 kg
Bile Esculin Azide Agar	46818	500 g
Biles Salts Mixture #3	46879	500 g
Bismuth Sulfite Agar	46810 46811	500 g 2 kg
Blood Agar Base No. 2	46889	500 g
Blood Agar Base, Improved	46890	500 g
Brain-Heart Infusion Agar	46812	500 g
Brain-Heart Infusion Broth	46813	500 g

Brilliant Green Agar	46814	500 g
Brilliant Green Agar with Sulfadiazine	46901	500 g
Brilliant Green Bile Broth 2%	46815	500 g
Buffered Listeria Enrichment Broth	46950	500 g
Buffered Listeria Enrichment Broth Base	46960	500 g
	46925	500 g
Buffered Peptone Water	46926	10 kg
	46927	2 kg
Campy Blood Free Select. Med. (CCDA)	46943	500 g
Campy CEFEX Agar	46963	500 g
Campylobacter Enrichment Broth	46942	500 g
Casein, Acid Hydrolysate	46878	500 g
Cetrimide Agar	46874	500 g
	46875	2 kg
Columbia Blood Agar Base	46816	500 g
Columbia CNA Agar	46817	500 g
D/E Neutralizing Agar	46911	500 g
D/E Neutralizing Broth	46947	500 g
	46948	2 kg
Demi-Fraser Broth Base	46958	500 g
	46959	2 kg
Dextrose Tryptone Agar	46905	500 g
Dextrose Tryptone Broth	46904	500 g
EC Medium	46866	500 g
EC Medium with MUG	46908	500 g
EE Broth	46955	500 g
Eosin Methylene Blue Agar, Levine	46805	500 g
Fluid Thioglycollate Medium	46819	10 kg
	46820	2 kg
Fraser Broth	46956	500 g
	46957	10 kg
Fraser Broth Base	46935	500 g
GC Agar	46806	500 g

Gelatin	46864	500 g
GN Broth (Hajna)	46871	500 g
HC Agar Base	46940	500 g
Hektoen Enteric Agr	46821	500 g
	46822	2 kg
Kligler Iron Agar	46823	500 g
Lactobacilli MRS Agar	46944	500 g
Lactobacilli MRS Broth	46920	500 g
	46921	2 kg
Lactose Broth	46824	500 g
	46825	2 kg
Lauryl Sulfate Broth	46826	500
LB Broth (Lennox L Broth)	46896	500 g
Legionella Agar	46900	500 g
Lethen Broth Base	46807	500 g
Listeria Enrichment Broth	46919	500 g
Lowenstein-Jensen Medium	46884	500 g
Luria Agar	46870	500 g
Lysine Iron Agar	46869	500 g
M-Broth	46897	500 g
m-Enterococcus Agar	46945	500 g
m-FC Broth	46918	500 g
m-TEC Agar	46929	500 g
m-TGE Broth	46932	500 g
MacConkey Agar	46803	500 g
	46804	10 kg
MacConkey Agar with Sorbitol	46902	500 g
MacConkey Agar, CS	46915	500 g
MacConkey Broth	46861	500 g
	46862	2 kg
Mannitol Salt Agar	46827	500 g
	46828	2 kg

Millers Luria Broth Base	46892	500 g
MIO Medium	46913	500 g
Motility Test Agar	46885	500 g
MR-VP Broth	46881	500 g
MRSA Agar Base	46928	500 g
Nutrient Agar	46829	500 g
Nutrient Agar 1.5%	46895	500 g
Orange Serum Agar Base	46953	500 g
Oxford Listeria Agar	46931	500 g
Pancreatic Digest of Gelatin (Pep G)	46858	500 g
	46859	2 kg
Peptic Digest of Animal Tissue (Pep A)	46856	500 g
	46857	2 kg
Peptone Water	46910	500 g
Phenol Red Broth Base	46831	500 g
Phenylethanol Agar	46830	500 g
Phosphate Buffer, pH 7.2	46912	500 g
	46832	500 g
Potato Dextrose Agar	46833	10kg
	46834	2 kg
Potato Dextrose Agar with Lecithin and Tween 80	46949	500 g
Potato Dextrose Broth	46951	500 g
	46952	2 kg
Presence-Absence Broth	46934	500 g
Pseudomonas Isolation Agar	46903	500 g
Purified Agar	46924	500 g
R2A Agar	46914	500 g
Rappaport-Vassiliadis (MSRV) Medium Semisolid Modified	46937	500 g
Rappaport-Vassiliadis R10 Broth	46938	500 g
Sabouraud Dextrose Agar	46835	500 g
	46836	2 kg
Sabouraud Dextrose Agar with Chloramphenicol	46898	500 g
	46899	10 KG

Sabouraud Dextrose Agar with Lecithin and Tween 80	46017	2 kg
	46916	500 g
Sabouraud Dextrose Agar, Emmons	46865	500 g
Salmonella Shigella Agar	46837	500 g
Schaedler Agar	46838	500 g
Schaedler Broth	46839	500 g
Select Agar	46946	500 g
Selenite Broth	46840	500 g
Selenite Cystine Broth	46894	500 g
SIM Medium	46873	500 g
Simmons Citrate Agar	46841	500 g
Standard Methods Agar	46842	500 g
	46843	2 kg
TAT Broth	46872	500 g
TCBS Agar	46868	500 g
Tetrathionate Broth Base	46882	500 g
Todd Hewitt Broth	46844	500 g
Triple Sugar Iron Agar	46845	500 g
Tryptic Soy Agar	46800	500 kg
	46801	10 kg
	46802	2 kg
Tryptic Soy Agar with Lecithin and Tween 80	46846	500 g
	46847	2 kg
Tryptic Soy Broth	46848	500 g
	46849	10 kg
	46850	2 kg
Tryptone	46906	500 g
Tryptone Glucose Extract Agar	46883	500 g
Tryptose Blood Agar Base	46893	500 g
Tryptose Phosphate Broth	46891	500 g
TSB Modified, w/ Novobiocin	46962	500 g
Universal Pre-enrichment Broth	46936	500 g
Urea Agar Base	46876	500 g


UVM Modified Listeria Enrichment Broth	46922	500 g
	46923	2 kg
Violet Red Bile Agar	46851	500 g
Violet Red Bile Agar with MUG	46907	500 g
Violet Red Bile Glucose Agar	46930	500 g
Vogel and Johnson Agar	46867	500 g
Wilkins-Chalgren Broth	46880	500 g
XLD Agar	46852	500 g
	46853	2 kg \$
XLT4 Agar	46939	500 g
Yeast Extract	46860	500 g
Yeast Extract, Ultra filtered	46961	500 g
Yersinia Selective Agar	46888	500 g
YM Agar	46941	500 g
YM Broth	46909	500 g

General Media / GENERAL MEDIA / Gas Generators

	REF.	Packaging
ANAEROPACK®		
AnaeroPack -Anaero (for anaerobic organisms)	46965	20/Pack
AnaeroPack -CO2 (for CO2 dependent organisms)	46967	20/Pack
AnaeroPack -Microaero (for Campylobacter)	46966	20/Pack
ANAEROPACK ANA 20PACK	302907	20/pack
AnaeroPack Jar Replacement Silicone Seal for 2.5L Jar	302911	1
AnaeroPack Rectangular Jar 0.4L	46972	1
AnaeroPack Rectangular Jar 2.5L	46973	1
AnaeroPack Rectangular Jar 7.0L	46975	1
AnaeroPack Rectangular Jar Lid 2.5L	46974	1
AnaeroPack Rectangular Jar Lid 7.0L	302913	1

POUCH MICROAERO CAMPY 20/PK	302922	20/pack
RECTANGLE JAR SILICON SEAL 7L	302914	1
ANAEROPOUCH®	REF.	Packaging
AnaeroPouch -Anaero (for anaerobic organisms)	46968	20/Pack
AnaeroPouch -CO2 (for CO2 dependent organisms)	46970	20/Pack
AnaeroPouch -Microaero (for Campylobacter)	46969	20/Pack
AnaeroPouch Bag (for use with Anaero, Microaero and CO2)	46976	20/Pack
AnaeroPouch Clip	46977	10/Pack
ANAEROBIC INDICATORS	REF.	Packaging
Anaerobic Indicator (2-25C storage)	46971	25/Pack
Anaerobic Indicator- Resazurin	46978	100/Pack

General Media / GENERAL MEDIA / General Purpose Media

GENERAL MEDIA - MONO PLATES - 100MM	REF.		Packaging
Anaerobic Blood Agar—CDC Formulation	A0101	10	
Baird Parker + RPF Agar	43531	20	
Baird Parker Agar	M1042	10	
Brilliant Green Agar	M1053	10	
CampyFood Agar	43471	20	
Columbia Agar	M1261*	10	
Columbia Agar w/5% Sheep Blood	M1013	10	
Columbia CNA Agar w/5% Sheep Blood	M1014	10	
Cooke Rose Bengal Agar—Deep Fill	M1072	10	
DE Neutralizing Agar	M1049*	10	

EMB Agar, Levine	M1015	10	
Hektoen Enteric Agar (HEK)	M1016	10	
Legionella BCYE Agar	43023*		10
Legionella BCYE Agar w/L-cysteine	43013*		10
Legionella GVPC Agar	43031*		20
Lethen Agar	M1112		10
LT 100 Agar	43281		20
m-HPC Agar	M1213*		10
MacConkey Agar	M1017		10
MacConkey Sorbitol Agar	M1186*		10
Mannitol Salt Agar	M1018		10
m'Endo Agar, Les	M1070		10
Nutrient Agar	M1023		10
Oxford Agar, Modified (MOX)	M1091		10
Plate Count Agar	M1229*		10
Potato Dextrose Agar Acidified—3.5 pH—Deep Fill	M1061		10
Potato Dextrose Agar—Deep Fill	M1038	10	10
Pseudomonas Isolation Agar	M1093		10
R2A Medium	M1065	10	
R2A Medium—25 ml	M1065-25*	10	
Rose Bengal Agar w/Chloramphenicol—Deep Fill	M1255	10	
Sabouraud Dextrose Agar (SDA)	M1210*	10	
Sabouraud Dextrose Agar w/Chloramphenicol	43596	20	
Sabouraud Dextrose Agar w/L & P 80 and Penase (100 mu/l)	M1242*	10	
Sabouraud Dextrose Agar, Emmons w/Chloramphenicol—	M1092*	10	
Sabouraud Dextrose Agar, Emmons—Deep Fill	M1097*	10	

Sabouraud Dextrose Agar—Deep Fill (SDA)	M1025	10
Standard Methods Agar	M1027	10
Tryptic Soy Agar (TSA)	M1040	10
Tryptic Soy Agar w/5% Sheep Blood (Blood Agar)	M1006	10
Tryptic Soy Agar w/L & P 80 + Penase (100 mu/l)	M1152*	10
Tryptic Soy Agar w/L&P 80 (TSALP80)	M1060	10
Tryptic Soy Agar—32ml (TSA)	M1205*	10
Tryptic Soy Agar—35 ml (TSA)	M1197	10
Tryptic Soy Broth Agar—25 ml (TSBA)	M1156	10
Violet Red Bile Agar (VRBA)	M1036	10
Violet Red Bile Glucose Agar (VRBG)	M1260	10
Vogel & Johnson Agar	M1144	10
XL4 Agar	303448	10
Xylose Lysine Deoxycholate Agar (XLD)	M1031	10

GENERAL MEDIA-MONO PLATES 150MM

REF.



Sabouraud Dextrose Agar (SDA)	L2039*	5
Tryptic Soy Agar (TSA)	L2037	5
Tryptic Soy Agar w/L & P80 (TSALP80)	L2041*	5

BI- PLATES - 100MM

REF.



Blood Agar/MacConkey Agar	B3036	10
Blood Agar/Tryptic Soy Agar	B3129*	10
Brilliant Green Agar w/Novobiocin/XLT4 Agar	302573	10
Brilliant Green Agar/XLD Agar	B3122*	10
Tryptic Soy Agar w/L & P 80 and Penase (100 mu/l)	L2044*	5

GENERAL MEDIA - STANDARD TUBES 16 X 125MM (UNLESS OTHERWISE NOTED)	REF.	Packaging
Blood Agar/MacConkey Agar/Tryptic Soy Agar	Y4065*	10
Hektoen Enteric Agar (HEK)/Xylose Lysine Deoxycholate Agar (XLD)	B3045	10
Blood Agar Slant—16 ml—20x150 mm	T8221*	20
Buffered Peptone Water—9 ml	42111	100
Buffered Sodium Chloride—Peptone Solution—9 ml	T8218-C*	100
Butterfields Phosphate Buffered Water—9 ml-20x150 mm	T8204-C*	100
Clear Thio - 9ml	42018	20
DE Neutralizing Broth—9 ml	T8163*	20
Eugon LT 100 Broth - 9ml	42070	20
Fraser Broth—10 ml	42072	20
Lauryl Sulfate Tryptose Broth w/Durham Tube—10 ml	T8096	20
M Broth—10 ml	T8080	20
Phosphate Buffer, Sterile—10 ml—pH 7.2	T8181-C*	100
Phosphate Buffer, Sterile—9 ml—pH 7.2	T8035	20
R2A Agar—20 ml-20x150 mm—Pour Tube	T8190*	20
Rappaport Vassiliadis Soy Broth (RVS)—10 ml	42110	20
Sabouraud Dextrose Agar Slant	T7077	20
Sabouraud Dextrose Agar w/Chloramphenicol —20 ml-20x150 mm—Pour Tube	T8198*	20
Sabouraud Dextrose Agar—20 ml-20x150 mm—Pour Tube	T8008	20
Selenite Cystine Broth—10 ml	T7079	20
Tetrathionate Broth Base—10 ml	T8034	20
Thioglycollate with Indicator—15 ml-20x150 mm	T8231*	20



Triple Sugar Iron Agar Slant	T7087	20
Tryptic Soy Agar Slant	T7090	20
Tryptic Soy Agar w/IL & P80—20 ml-20x150 mm—Pour Tube	T8100-C	100
Tryptic Soy Agar—20 ml-20x150 mm—Pour Tube	T8076 T8076-C	20 100
Tryptic Soy Broth—10 ml	T7093 T7093-C	20 100
Tryptic Soy Broth—15 ml-20x150 mm	T8230*	20
Tryptic Soy Broth—20 ml-20x150 mm	T8074 T8074-C*	20 100
Tryptic Soy Broth—9 ml	42100 T8179-C*	20 100

GENERAL MEDIA - CAPITAL VIALS	REF.	Packaging
Butterfields Phosphate Buffered Water—9 ml	CV1100-C	100
Letheen Broth—10 ml	CV1020 CV1020-C	25 100
Letheen Broth—5 ml	CV1080-C*	100
Letheen Broth—9 ml	CV1180-C*	100
Saline, Sterile 0.85%—9.9 ml	CV1200-C*	100

GENERAL MEDIA - DILUTION VIALS	REF.	Packaging
0.1% Peptone Water - 90 ml	46996	64
0.1% Peptone Water - 99 ml	46997*	64
Butterfields Phosphate Buffered Water—90 ml	46998	64
Butterfields Phosphate Buffered Water—99 ml	46999	64
Phosphate Buffer w/Magnesium Chloride - 90ml	46995	64
Phosphate Buffer w/Magnesium Chloride - 99ml	46993	64

GENERAL MEDIA - POUR BOTTLES, SCREW CAP	REF.	Packaging
Phosphate Buffer - 500ml	302215	12
Phosphate Buffer—pH 7.2 - 90ml	P1210	25

Plate Count Agar—500 ml	P2850*	10
R2A Medium—400 ml	P1640*	10
Sabouraud Dextrose Agar w/Chloramphenicol—500 ml	P2900*	10
Sabouraud Dextrose Agar w/L & P 80 - 100ml	P2220*	25
Sabouraud Dextrose Agar w/L & P 80 - 500ml	P2820*	10
Sabouraud Dextrose Agar—200 ml	P2160*	10
Sabouraud Dextrose Agar—500 ml	P2070	10
Saline, Sterile 0.85%—500 ml	P1100*	10
Standard Methods Agar—500 ml	P1071*	10
Tryptic Soy Agar - 100ml	P1110	25
Tryptic Soy Agar w/L & P 80 - 100ml	P2230*	25
Tryptic Soy Agar—220 ml	P1120	10
Tryptic Soy Agar—500 ml	P2050	10

GENERAL MEDIA - WIDE MOUTH BOTTLES, WITH SCREW CAP

REF.

Packaging

Lactose Broth - 90ml	P2280	25
Lactose Broth w/0.5% L & 4% P 20 - 100ml	P2860*	25
Lethen Broth - 100ml	302202	12
MacConkey Broth - 100ml	P3155	25
MacConkey Broth - 90ml	P2980*	25
Phosphate Buffer, pH 7.2 - 100ml	P2340*	25
Reinforced Medium for Clostridium - 100ml	P3150*	25
Sabouraud Dextrose Broth - 90ml	P2320*	25
TAT Broth - 90ml	P2350	25
Tryptic Soy Broth w/0.5% L & 4% P 20 - 100ml	P2870*	25
Tryptic Soy Broth w/0.5% L & 4% P 20 - 90ml	P2540*	25

GENERAL MEDIA - POUR BOTTLE, WITH SCREW CAPS 50-225 ML	REF.	Packaging
Buffered Peptone Solution, pH 7.0 - 90 ml	42609	6
Buffered Peptone Water—225 ml	42043	6
Buffered Peptone Water—90 ml	42042	6
Cefixime Tellurite Supplement (4 ml)	42606	6
Eugon LT 100 Broth - 50 ml	42613	6
Fraser Broth—225 ml	42046	6
Half Fraser Broth—225 ml	42048 42615	6 4
Mossel Broth - 100 ml	42621	6

General Media / GENERAL MEDIA / pre-poured media plates

General Media / GENERAL MEDIA / Non-Sterile Product Testing Media

TOTAL VIABLE COUNT (TVC)	REF.	Packaging
Tryptic soy agar	M1040	10 plates
	T8076	20 x 20ml pour tube
Tryptic soy broth	P2300	25 x 90ml wide mouth bottles

YEAST & MOLD ENUMERATION	REF.	Packaging
Sabouraud dextrose agar	M1025	10 plates
	T8008	20 x 20ml pour tube

ESCHERICHIA COLI	REF.	Packaging
MacConkey agar	M1017	10 plates
MacConkey broth	P3155*	25 x 100ml wide mouth bottles
Tryptic soy broth	P1270	25 x 90ml Boston round bottles
	P2300	25 x 90ml wide mouth bottles

CANDIDA ALBICANS	REF.	Packaging
Sabouraud dextrose agar	M1025	10 plates
	T8008	20 x 20ml pour tubes

	REF.	Packaging
SALMONELLA		
Rappaport vassiliadis broth	42110	20 x 10ml tubes
Tryptic soy broth	P1270 P2300	25 x 90ml Boston round bottles 25 x 90ml wide mouth bottles
XLD agar	M1031	10 plates
PSEUDOMONAS AERUGINOSA		
Cetrimide agar	M1067	10 plates
Tryptic soy broth	P1270 P2300	25 x 90ml Boston round bottles 25 x 90ml wide mouth bottles
STAPHYLOCOCCUS AUREUS		
Mannitol salt agar	M1018	10 plates
Tryptic soy broth	P1270 P2300	25 x 90ml Boston round bottles 25 x 90ml wide mouth bottles
CLOSTRIDIA		
Columbia agar	M1261*	10 plates
Reinforced medium for Clostridia	P3150*	25 x 100ml wide mouth bottles
BILE-TOLERANT GRAM-NEGATIVE BACTERIA		
Enterobacteria enrichment broth Mossel	42621	6 x 100ml pour bottles
Violet red bile glucose agar	M1260*	10 plates
GENERAL		
Buffered sodium chloride-peptone solution pH 7.0	42609	6 x 100ml pour bottles
Phosphate buffer solution pH 7.2	P1210 P2340* T8035 T8181-C*	25 x 90ml Boston round bottles 25 x 100ml wide mouth bottles 20 x 9ml tubes 100 x 10ml tubes

General Media / GENERAL MEDIA / Miscellaneous Reagents

BLOOD COMPONENTS	REF.	Packaging
HORSE BLOOD, DEFIB.	302056	60 ml bottle
LAKED HORSE BLOOD	302051	200 ml bottle
SHEEP BLOOD, DEFIB.	302034 302036	100 ml bottle 500 ml bottle
SWABS	REF.	Packaging
AMIES LIQUID SINGLE SWAB	301801	50/BX 50/ box
STUART LIQUID SWAB	301802	50/BOX 50/ box
CRYO-BEADS	REF.	Packaging
CRYO-BEADS for cryo-preservation of microorganisms 64 X 25 beads per tube	AEB400100	64 X 25 Beads

Performance Solutions / Training / Training

TRAINING	REF.
<p>BacT/ALERT® 3D Training:</p> <p>BacT/ALERT training designed to provide basic training for (2) qualified operators in customer's laboratory. Training certificate provided. Pricing reflects a daily rate, two days required if operator is new to system.</p>	S9490
<p>DiversiLab® System Installation & Training.</p> <p>DiversiLab® installation and training designed to provide basic training for (2) qualified operators in customer's laboratory. Training certificate provided. Three days required if operator is new to DiversiLab system. Pri</p>	270702
<p>TEMPO® Training</p> <p>TEMPO® training designed to provide basic training for (2) qualified operators in customer's laboratory. Training certificate provided. Pricing reflects a daily rate, two days required if operator is new to system. Three days requ</p>	S8490
<p>VIDAS®/miniVIDAS® Training:</p> <p>VIDAS® or miniVIDAS® training designed to provide basic training for (2) qualified operators in customer's laboratory. Training certificate provided. Pricing reflects a daily rate, two days required if operator is new to sys</p>	S9690
<p>VITEK® 2 Compact Fundamentals Training Class</p> <p>basic 3-day class designed specifically for pharmaceutical, personal products and food/safety labs to train new key operators to operate the VITEK 2 Compact 30/60 instrument and utilize all associated PC software. The necessary skills and informa</p>	S8090
<p>VITEK® 2 Compact Training</p> <p>VITEK® 2 Compact training designed to provide basic training for (2) qualified operators in customer's laboratory. Training certificate provided. Pricing reflects a daily rate, two days required if operator is new to system.</p>	S8090
	TBD

VITEK® 2 MS Training:

VITEK® 2 MS training designed to provide basic training for (2) qualified operators in customer's laboratory. Training certificate provided. Pricing reflects a daily rate, three days required if operator is new to system.

Performance Solutions / Workflow Optimization and Lab Design /

Workflow optimization and Lab Design

WORKFLOW OPTIMIZATION AND LAB DESIGN	REF.	Packaging
<p>Lab Design & Workflow Optimization 4 day analysis to optimize existing or new laboratory floor space. Floor plan will be developed after volume, workflow, automation, staff and space are analyzed. Improvement include focus on workflow transformation including workflow changes, area effecti</p>		4 days
<p>Lean Awareness Training 2 day intensive training for leadership to create a common awareness of Lean principles and tools to be leveraged during improvement events (8-10 participants)</p>		2 days
<p>Microbiology Lab - Detailed Workflow Assessment including 1 day LEAN Awareness training 4 day Assessment of Microbiology Lab Operations: Includes Lead Time Analysis; Bottlenecks and Error Analysis; Inventory Cost Review Best Practices; Staff and Space Utilization. 1 Day Lean awareness training which includes:5S and 7 waste in micro lab. Inte</p>		5 days
<p>Microbiology Lab - Implementation and Workflow Optimization Audit Workflow Analysis focused on laboratory operations and activities from sample receipt to validating results and sending final report. Results targeted around workflow optimization with Tempo® and/or Vidas®.</p>		2-2.5 days
<p>Rapid Improvement Projects (Kaizen) 3-4 day rapid improvement group engagement project including customer input and involvement. Project is defined, planned and resources are allocated. Each event focuses on workflow transformation including workflow changes, area effectiveness, workstatio</p>		3-4 days

Performance Solutions / Temperature / Other Parameters Monitoring / Temperature / Other Parameters Monitoring

A full range of hardware for live monitoring temperature, humidity, pressure and other physical parameters.

The LABGUARD® is a complete hardware solution for real time centralized control of physical parameters. It is a wide range of probes, transmitters, data loggers and other accessories (software, alarming devices, metrology tools...) that allows everyone to find what meets their needs.

- Check temperature and other physical parameters with high precision probes
- Wireless live monitoring with LabGuard® range of transmitters
- Ensure FULL traceability with our data loggers
- Discover the new generation of temperature monitoring software

Probes and sensors:



- Temperature
- Relative Humidity (RH)
- CO₂
- Differential pressure
- Dry contact closure
- Particle count
- other parameters

Transmitters:



Using wire and wireless technologies, our transmitters ensure real-time information and provide relevant answers to all monitoring needs in laboratories and industries.

Data logger:

Small and robust, the data loggers record temperature and/or humidity everywhere and all the time.

Software:

All the data are recorded in a professional database with web server. Labguard® software manages efficiently temperature monitoring, alarm notification, groups management.

Please contact your account manager for more information

Performance Solutions / Custom Validation-Verification studies / Custom Validation-Verification studies

The Scientific Affairs team conducts feasibility, verification, validation and custom studies on your matrices/products to support implementation of bioMérieux microbiological test methods in your labs.

Feasibility studies are done to prove the compatibility of your products/matrices to the platform being tested. Studies are designed to demonstrate organism recovery with no product related cross-reactivity or product interference.

Verification studies are used to demonstrate a proof of performance of products not covered under official validation studies. Verification studies include performance of the bioMérieux assay and a comparison to the appropriate "gold standard" method.

Validation studies are designed to mimic AOAC and/or ISO validation studies. All samples will be tested with the bioMérieux test method and appropriate "gold standard" method. A comprehensive validation report will be generated and provided to the customer.

Custom studies for unique products or matrix extensions can be designed to assist you in developing statistically sound microbiological test methods and meet requirements of auditors and regulatory agencies.

The studies are available for both existing customers and potential customers.

CUSTOM STUDIES

REF.

Feasibility, Verification, Validation and/or Custom studies**PS-TEMP-IEM20**

Contact your account manager for additional information