



How will you
keep pace with
The Sepsis Boom?



When
they're
counting
on you.

Every 3 to 4 seconds,
someone dies of sepsis,
making it the second
leading cause of death
in the intensive care unit –
and bracing the
critical care community
for a new
generational trend:
The Sepsis Boom.

Society of Critical Care Medicine. Retrieved from
www.sccm.org/Communications/Pages/CriticalCareStats.aspx



BACT/ALERT 3D™

The Sepsis Pathway: Optimizing Collection to Care

The Sepsis Pathway is just one part of bioMérieux's complete approach **to improving efficiencies and patient care** through optimized workflow and full lab automation. We have the broadest portfolio of diagnostic tools that enable rapid and definitive identification of blood stream infections, including the Bact/ALERT® 3D continuously monitoring blood culture and instrument.

"Blood culture packs and staff training have **reduced contamination by 42%**. There is a measurable benefit in the purchase of commercially produced blood culture packs and investment in staff training."

Bamber A, et al. Effectiveness of introducing blood culture collection packs to reduce contamination rates Br J Biomed Sci 2009; 66(1); 6-9



SEPSIS
KNOW FROM DAY 1™

Your first line of defense against sepsis

The first hour is critical. The first 24 hours can be decisive. Procalcitonin provides critical biomarker information that can help increase the accuracy of early sepsis diagnosis and delivers results in 20 minutes for clear indications of:

- Systemic bacterial infections
- Severe Sepsis
- Septic Shock

Learn more at www.sepsisknowfromday1.com

WORKSAFE™

Blood culture collection in one convenient package to **reduce contamination**

- Implement best practices
- Improve patient care
- Reduce collection errors
- Control costs.

Education Resource Kit materials facilitate your **certification and training requirements**

- Demonstration videos
- Competency documentation
- Sample collection devices.



Innovating Septicemia Diagnosis: Optimizing Collection to Care



NEW!
Introducing
**BacT/ALERT®
FAN® Plus Media,
with Adsorbent
Polymeric Beads**



Colorimetric detection outshines other technology

- Technology and sophisticated algorithms help minimize false negatives due to delayed entry
- Low false-positive rates
- Visual, irreversible color change.

High-performing flexible media delivers superior recovery

- FDA-cleared for blood, sterile body fluids and platelets
- Recovers a wide range of organisms
- Specialized bottles for mycobacterium recovery
- Fastidious Antimicrobial Neutralization media enhances recovery for patients on antimicrobial therapy.

“OSHA makes it clear: using glass in the laboratory when an equivalent plastic alternative is available must be justified in writing.”

Ernst D. Richard Fairfax of OSHA talks about the Bloodborne Pathogens Standard. MLO 2003:35(2):32-34



The pioneer in plastic collection bottles delivers safety and efficiency

- Shatter-resistant bottles reduce potential for biohazard exposure
- Up to 2/3 lighter than glass
- Cost-effective storage, shipping and disposal
- Multi-layer, gas-impermeable design maintains aerobic or anaerobic environments
- Adapts to a variety of protocols and enables pneumatic transport without a special container.



Workflow efficiency, reduced risk of error, and peace-of-mind

- User-directed bottle loading with instant bottle recognition
- Continuous bottle monitoring for immediate notification
- Automatic quality control with patented cell flag in each cell
- Instant visual and audible alerts for positive bottles
- Flexible and expandable to accommodate volume needs
- Horizontal and vertical modularity minimize physical strain
- Sample-loading flexibility with left- or right-handed sample loading drawers
- Drawers configured for blood or mycobacterium cultures.

BacT/ALERT® 3D 60: Simply smaller

- Handles up to 3,600 blood/body fluid culture bottles, or up to 500 mycobacteria tests annually



60

BacT/ALERT® 3D 120 Combo: Surprisingly compact, Remarkably complete

- Combines Control and Incubator Modules into a single instrument
- Capacity of 120 cells in two drawers
- Connect to up to three Incubator Modules to one Combo instrument.

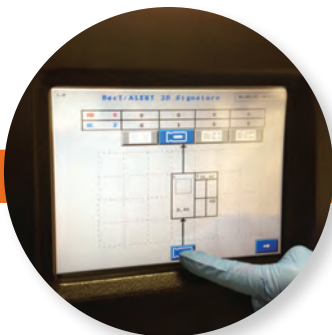


120

Touch, Scan, Load:

Text-free, touch-screen, interface is adaptable and easy-to-use

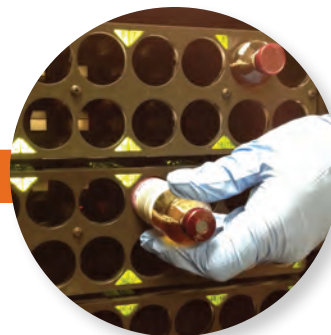
- Exclusive touch-screen operation enables text-free control
- Bar-code scanner reads bottle ID and LIS accession numbers for faster, easier bottle entry
- Easy procedure minimizes training to enhance productivity



TOUCH



SCAN



LOAD

Septicemia Diagnosis For Any Size Lab

“[BacT/ALERT] detects
98% of isolates within 72 hours.”

Bourbeau PP and Pohlen JK. Three days of incubation may be sufficient for routine blood cultures with BacT/ALERT FAN blood culture bottles. J Clin Microbiol. 2001; 39(6): 2079-82.

BacT/ALERT® 3D 240: Capacity and capability, combined

- Four incubator drawers of 60 cells deliver a capacity of 240 cells
- Control module handles up to six incubator modules.



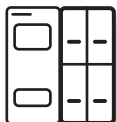
240

Flexible and expandable to meet any volume requirement

Choose the number of incubator modules needed based on your lab's annual bottle testing volume. Each individual incubator module can be configured to perform either blood culture and body fluid, platelet sterility testing, and/or mycobacteria testing, by drawer.



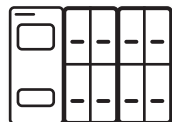
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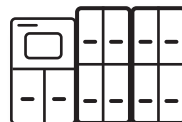
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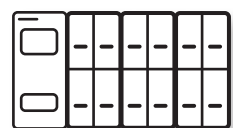
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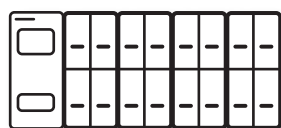
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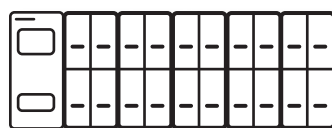
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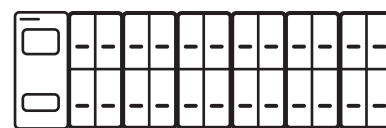
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48,000



60,000



76,000

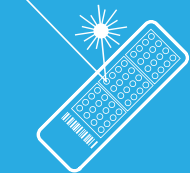


**BacT/ALERT®
3D****BioFire FilmArray® BCID Panel**

The FilmArray Blood Culture Identification Panel is the fastest way to better results in the fight against sepsis. With less than two minutes of hands on time this multiplex PCR panel provides one test with 27 targets. The panel covers Gram positive, Gram negative, Yeast organisms and three antibiotic resistance genes. The rapid turnaround time provides actionable results which allows physicians to prescribe therapeutic interventions to facilitate positive patient outcomes.

**BioFire
FilmArray®****VITEK® MS**

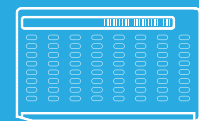
VITEK MS™ is an automated microbial identification system that uses innovative mass spectrometry technology (MALDI-TOF). The instrument processes up to 192 isolates per run, provides results in minutes, requires no pretreatment of samples, and integrates easily into your lab.

**VITEK MS™****Myla®**

Complete Connection to Better Patient Care. The first truly intelligent middleware, Myla® addresses the complexities inherent in the microbiology laboratory environment improving connectivity, workflow and information management. Proactive approach helps users recapture time by gaining in efficiency. Myla allows collection, consolidation and transmission of results in real-time to facilitate specimen validation and rapid reporting. By providing better visibility of your blood culture testing process, Myla help you reduce turnaround time and ultimately impact patient care.

**Myla®****VITEK® 2**

The VITEK® 2 system next-generation platform provides greater automation while increasing safety and eliminating repetitive manual operations. Rapid response time delivers results more quickly than traditional microbial identification techniques.

**VITEK® 2**

The Pathway	Collection	Sample Prep	Culture	Identification Sensitivity Interpretation	Reporting	Care
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THE MICROBIOLOGY PATHWAY: Optimizing Collection to Care™



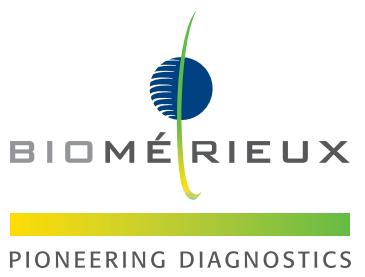
Best-in-class technology, diagnostics, and optimization

As the world leader in microbiology laboratory solutions, bioMérieux offers the industry's most-trusted technology and expertise for all types and volumes of specimens. Rapid turnaround times, improved productivity, and reduction of errors are enabled through workflow optimization and best-in-class technology solutions, including an ID/AST system that stores, interprets, and reports test results with unparalleled speed, precision, and accuracy to significantly improve patient outcomes.

Learn more at www.bioMerieux-USA.com

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