

BIOMÉRIEUX

BACT/ALERT® 3D

AUTOMATED SYSTEM FOR BLOOD CULTURE



PIONEERING DIAGNOSTICS

BACT/ALERT® 3D

ROBUST TECHNOLOGY BUILT ON NEARLY 30 YEARS OF PROVEN PERFORMANCE.

The Scalability and Efficiency You Need. The Performance You Trust.

We understand the challenges your laboratory is facing, such as higher test volumes, demand for reduced turnaround time, and the need to use staff resources effectively. With over 60 years of experience serving laboratories, and an installed base of over 13,000* BACT/ALERT® 3D systems worldwide, we know it is critical that workflow is scalable, efficient, and smart.

BACT/ALERT® 3D helps you streamline your blood culture routine with its **easy-to-use and simple handling, while also reducing the risk of errors**. What's more, the modular design means you can customize your configuration and add incubation modules as your capacity needs increase.

*bioMérieux Install Base Data (2024)

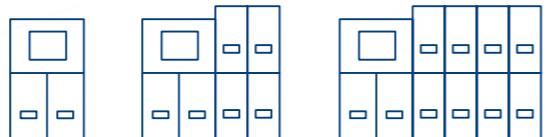
Empower Your Lab with Comprehensive Blood Culture Solutions.

Our integrated approach – from blood sample collection, to blood culture detection and data, to data management – positions your lab to optimize workflow and improve patient management.

 **OPTIMIZE DIAGNOSTICS.**
MANAGE SEPSIS. 
With our fast, integrated sepsis solution.

SCALABLE

- ✓ Adaptable and modular to fit your laboratory needs
- ✓ Flexible design: Start with 1 module, and add up to 6 incubator modules as needed



FROM 120 BOTTLES TO 1440 BOTTLES AT THE SAME TIME!



BACT/ALERT® 3D 120 COMBO

EFFICIENT AND ROBUST

- ✓ Easy workflow for full bottle traceability
 - ➡ Touch screen
 - ➡ Scan
 - ➡ Load anywhere
- ✓ System validated for multiple specimen types: blood, sterile body fluid, platelet quality control testing, and mycobacteria testing for respiratory samples.
- ✓ Built for durability and reliable performance for every sample



BACT/ALERT® 3D 240

ACCURATE

- ✓ Stay in control with secure transport: colorimetric technology offers stable results and significant reduction of false negatives due to delayed entry compared to fluorometry^{1,2}
- ✓ Secure loading with cell and drawer status light indicator
- ✓ Automated cell quality control between each loading
- ✓ Optimized growth detection algorithms, including threshold algorithm with unsurpassed 24-hour delayed entry capability, helping to prevent false negative result⁴

POLYVALENT

- ✓ Enhanced performance with BACT/ALERT bottles^{1,3,4}
- ✓ Streamlined workflow with only 2 adults and 1 pediatric bottles to manage all blood culture tests
- ✓ Validated with proven performance on biological sterile body fluids samples²
- ✓ All-in-one system for mycobacteria culture from sputum samples with BACT/ALERT® MP bottle
- ✓ Fully configurable to load and incubate blood samples & mycobacteria samples in the same unit. Mycobacteria drawers are simply configured in non-agitation mode



BACT/ALERT® CULTURE MEDIA BOTTLES



SECURE HOLDERS



BACT/ALERT® 3D

Pre-Analytical



MAESTRIA™ MICROBIOLOGY MIDDLEWARE



SUBCULTURE DEVICES

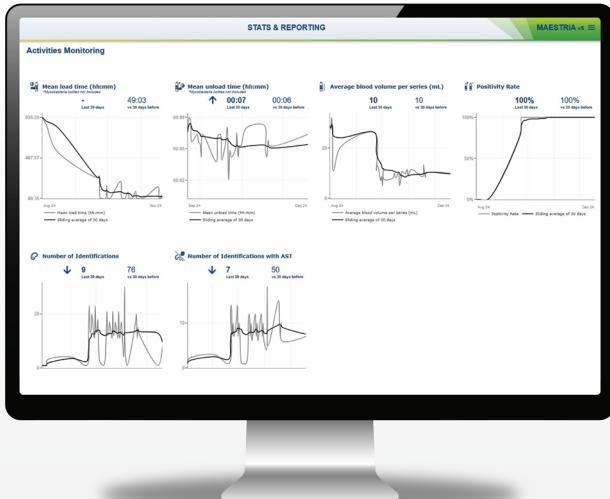
Analytical

Post-Analytical

Transform Data into Actionable Insights.



MAESTRIA™ is the next generation microbiology middleware to help you increase visibility over your laboratory operations, integrate continuous improvement processes, and reduce time spent on non-value-added tasks.



KEY PERFORMANCE DATA

Monitor lab performance KPIs with MAESTRIA™ and target areas for improvement in your blood culture process.

- Contamination associated with blood collection
- Blood volume collected
- Positive vs. negative analysis
- Time-to-detection for blood culture isolates
- Blood culture utilization: number of bottles per set, per patient and/or ward



EASY ACCESS

- Blood culture data analytics and results consolidation
- Remote access, including bottle status remote notification

EVEN MORE WITH MAESTRIA™

- ✓ Monitor lab activities and KPIs
- ✓ Infection control and AMS statistical reporting
- ✓ Lab efficiency reporting

Leverage Our Support & Expertise to Streamline Your Lab Operations.

Our **lab consultancy** experts can help your lab optimize workflows and enhance productivity, while our **blood culture medical education** experts support better quality management and optimized practices.

In addition, our **highly responsive service team** is here to help keep your lab operations running continuously, via our hotline or on-site intervention.

NEED HELP? JUST ASK. CONNECT WITH YOUR BIOMÉRIEUX REPRESENTATIVE TODAY.

1. Hang Y. et al. (2024). Evaluation of antimicrobial neutralization in three blood culture media. *Microbiol Spectr*.
2. **BACT/ALERT Bottle IFU.** Refs 259789, 279790, 410851, 410852.
3. Lovern D. et al. (2016). Antimicrobial binding and growth kinetics in BacT/ALERT® FA Plus and BACTEC® Aerobic/F Plus media. *Eur J Clin Microbiol Infect Dis*.
4. Akan O.A., Yildiz E. (2006). Impact of delayed entry on positivity rates in BACTEC 9240 vs. BacT/ALERT 3D. *Diagn Microbiol Infect Dis*.