




BACT/ALERT®

BLOOD CULTURE SOLUTIONS




Blood culture analysis is a critical step for detecting and managing sepsis, a medical emergency.


Sepsis is a complex clinical syndrome and is the body's systemic inflammatory reaction to infection. The body cannot fight the infection alone, and to defend itself requires the administration of the appropriate antimicrobial treatment.




1.7 MILLION ADULTS IN AMERICA DEVELOP SEPSIS EACH YEAR¹



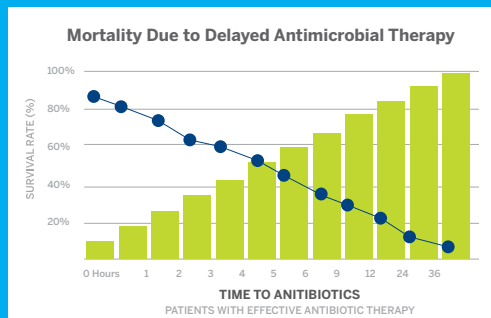
1 IN 3 PATIENTS WHO DIE IN A HOSPITAL HAVE SEPSIS¹



IT IS ESTIMATED THAT **\$24B IS SPENT** EACH YEAR ON SEPSIS IN THE U.S.²



In patients with septic shock, **mortality increases by 7.6% for every hour delay** of initiation of appropriate antibiotics.³



Mortality Due to Delayed Antimicrobial Therapy

The graph shows a line graph of Survival Rate (%) on the y-axis (0 to 100) and Time to Antibiotics on the x-axis (0 to 36 hours). The survival rate starts at approximately 85% at 0 hours and decreases steadily to about 15% at 36 hours. Below the line graph is a bar chart showing the percentage of patients with effective antibiotic therapy at each time point, which increases from 0% at 0 hours to approximately 95% at 36 hours.

Clinical insights you can trust.





Results up to **20% faster**⁴ — move onto ID/AST testing



Receive **real-time notifications** as soon as results are available




Colorimetric detection technology is more **predictable & stable** than other technologies⁵



Comprehensive reporting & analytics provide the information you need for **clinical success**


VIRTUO® streamlines your blood culture workflow from start to finish to provide efficient and actionable results.

bioMérieux has best-in-class blood culture solutions for your patients and for your staff, with fast, accurate results to support insightful decision-making.




BACT/ALERT® VIRTUO®

VIRTUO, the first fully-automated blood culture system, will help you refine and redesign your laboratory workflow to maximize efficiency, all while providing impactful clinical results.



BACT/ALERT® 3D

BACT/ALERT 3D is a flexible, modular blood culture system that is ideal for smaller labs. Combine the 3D with FAN PLUS media and MYLA® for an accurate, insightful blood culture solution.



BACT/ALERT® FAN® PLUS

FAN PLUS is the solution when advanced media is needed for blood and sterile body fluids. With the capacity to neutralize a broad array of antimicrobials and 24-hour delayed entry capability, FAN PLUS will change the way you detect microorganisms.




Rethink your lab's workflow

- Automated loading system can be loaded by any staff member - position for 24/7 access
- Works for a core facility or a decentralized lab

Reduce hands-on time thanks to automated features

- 80% time savings for loading bottles⁶
- 100% time savings for negative bottle management⁶
- 60% time savings for positive bottle management⁶

Receive real-time data & actionable insights

- Automated blood level detection* eliminates manual tracking
- Automated scanning & full traceability provide access to data 24/7

*Excluding BACT/ALERT PF PLUS media



bioMérieux is here for you with award-winning support and service.

As a world leader in the field of *in vitro* diagnostics, bioMérieux provides best-in-class customer service and support using our integrated approach – **Diagnostics, Advanced Analytics, and Consultancy.**



Won 3 out of 3 Industry “Best Of” awards for Blood Culture in 2018, 2019, and 2020!

Technical Support Center

First point of contact for customers who have a question

- ★ 4.9/5 Customer Satisfaction Rating⁷
- 📞 Provide front-line telephone support **24/7**
- 🎧 **Resolve 82%** of inquiries over the phone⁸
- ✓ Secure remote troubleshooting and software updates through VILINK®

Field Applications

Provides on-site training and technical support to help ensure optimal use of bioMérieux instruments

- ★ 4.9/5 Customer Satisfaction Rating⁷
- 🎓 All team members are **degreed Medical Technologists** or **Microbiologists**
- 👥 **More than 40** Field Application Specialists across the U.S.

Order Fulfillment

Finalizes and implements new contracts and satisfies orders for existing customers

- ★ 4.9/5 Customer Satisfaction Rating⁷
- ✓ **24/7** ordering available through bioMérieux DIRECT and EDI

Field Service

Trained on all bioMérieux instruments to keep your lab up and running

- ★ 4.9/5 Customer Satisfaction Rating⁷
- 📅 Available for on-site support **7 days a week**
- 📊 **95%** first time fix on site⁸
- 👥 **More than 90** Field System Engineers across the U.S.

Lab Integration

Supports middleware integration and remote service connectivity for bioMérieux devices

- ★ 5/5 Customer Satisfaction Rating⁷
- ✓ Specialties in IT Security, LIS Integration and Project Management
- 👥 **More than 25** specialized team members

Service Sales

Services ranging from a la carte to fixed price service agreements to optimize instrument performance and minimize downtime

- 🕒 Automated PM scheduling
- ✓ Proactive Renewal notifications



When you invest in bringing our systems into your lab, you can rely on a team of more than 300 award-winning application, engineering, and customer service specialists. Learn more about our Total Service Solutions at go.biomerieux.com/services.

REFERENCES

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