



THE MYLA[®] EXPERIENCE

CONNECTING THE MICROBIOLOGY LAB FOR SMARTER INSIGHTS

“ MYLA has made my job a lot easier from a management point of view. We just went live with MYLA a month ago, and are looking forward to all the reporting capabilities. We have been diligently reviewing the Blood Culture Contamination and MDRO review lists, as they are easy and simple to do. Going from using MYLA with just VITEK[®] MS connected, to using MYLA with all [the] connected [bioMérieux] instruments, has changed the workflow of the lab for the better...”

NINIA FERNANDEZ
Microbiology Manager
St Joseph Hospital - Paterson, NJ - USA

INTRODUCING MYLA LAB ANALYTICS

MYLA Lab Analytics is an add-on data visualization tool that integrates advanced business intelligence with the embedded Stats and Reporting Module within MYLA, allowing users greater flexibility in reporting and data management.

- Allows users to compare data and customize charts to tailor visualizations to the individual needs of the lab
- Provides robust dashboards for blood culture, ID/AST, and lab efficiency
- Retrieves the required data from MYLA, with synchronization occurring every day to limit gaps in information availability



MYLA[®]

Connected Microbiology for BLOOD CULTURE & ID/AST



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WE ARE FOR LEVERAGING LAB EXPERTISE

Innovation in microbiology must never stop – because your **lab challenges never stop**. For more than 50 years, bioMérieux has shared your commitment to continually strengthen laboratory impact on patient therapy.



Help drive proactive antimicrobial stewardship and optimal patient management with **flexible, smarter data insights from MYLA**. For all your testing needs – from the most routine to the truly challenging – our integrated ID/AST and blood culture offer* lets you **leverage your expertise**.

*Includes VITEK[®] MS, VITEK[®] 2 (ID/AST), BACT/ALERT[®] VIRTUO and BACT/ALERT[®] 3D (blood culture)

Reference:
1. Kumar A, Roberts D, Wood KE et al. Duration of hypotension before initiation of effective antimicrobial therapy is the critical determinant of survival in human septic shock. *Crit Care Med.* 2006;34(6): 1589-1596.

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PIONEERING DIAGNOSTICS

MYLA®

BIOMERIEUX
VITEK MS

IDENTIFICATION & ANTIBIOTIC SUSCEPTIBILITY TESTING (ID/AST)

BLOOD CULTURE

CONNECTED MICROBIOLOGY FOR BLOOD CULTURE & ID/AST

FIGHTING ANTIMICROBIAL RESISTANCE WITH KNOWLEDGE

PUTTING TIME ON THE SIDE OF PATIENTS WITH BLOODSTREAM INFECTIONS

What if you could further drive lab operational excellence to easily provide greater support for patient care and antimicrobial stewardship?

MYLA software offers you a real-time, control-tower overview of your bioMérieux instruments with flexible and easy-to-generate reports. Put MYLA at the heart of your lab operations to transform results into smart data insights.

Sustaining antimicrobial efficacy for future generations requires an understanding of resistance pathways and clear data to support optimal therapy decisions. Expand the value of every ID/AST test by using MYLA to easily access data from VITEK® MS and VITEK® 2 systems, providing clinicians with valuable insights to treat their patients, help fight resistance, and guide antimicrobial stewardship.

In a recent study of patients with septic shock, every hour delay in giving appropriate antibiotics increased mortality by 7.6%.¹ An optimal blood culture workflow is vital to managing sepsis and bloodstream infections. MYLA®, connected to your BACT/ALERT® VIRTUO® or BACT/ALERT® 3D instruments, offers a control-tower overview of your local and remote instrumentation. With easily-generated, customizable reports, you can streamline your entire blood culture workflow.



UNITING PEOPLE,
PROCESSES, &
TECHNOLOGY

CONTROL-TOWER OVERVIEW

- ➔ Gain overview of the lab, and monitor instruments both locally and remotely
- ➔ Monitor/track activities to proactively streamline processes
- ➔ Quickly see and address process gaps from sample collection to result reporting

EASY-TO-GENERATE REPORTS

- ➔ Analyze data from multiple sources and present in a standardized format to enhance in-depth understanding
- ➔ Generate real-time and on-demand reports
- ➔ Consolidate patient and sample history



Identify antimicrobial resistance in bacteria and yeast, treat patients with the right drug at the right time

- ➔ Promptly transmit ID/AST results to the clinicians
- ➔ Activate pre-defined rules to help predict and follow multi-drug resistant organisms (MDRO)
- ➔ Help optimize decision-making and antibiotic treatment



Increase awareness of potential HAI to help manage outbreaks

- ➔ Automatically generate and distribute healthcare-associated infection (HAI) reports
- ➔ Take proactive measures to prevent outbreaks before they occur

Identify and respond to MDRO in the institution

- ➔ Real-time alerts
- ➔ Share automated and on-demand MDRO reports with the infection prevention team

Reduce antibiotic misuse and support antimicrobial stewardship programs

- ➔ Easily consolidate information about organism occurrence and antimicrobial susceptibility
- ➔ Implement guidelines for antibiotic reporting based on patient demographics and clinical context

Implement institutional surveillance on antimicrobial resistance to support evidence-based management

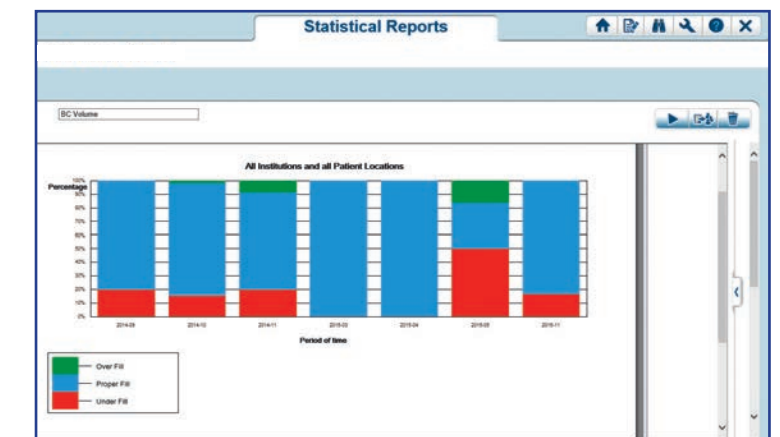
- ➔ Leverage tracking and epidemiological statistics to monitor emerging trends in resistance and perform surveillance

Improve recovery and identification of pathogens with data that helps to drive optimal collection practices and improve sample quality.

- ➔ Improve sample collection by identifying the source of quality issues such as:
 - Inadequate blood volume
 - Contamination

Ensure blood culture process quality, resulting in faster, more accurate data

- ➔ Optimize blood volume by leveraging blood level detection with VIRTUO
- ➔ Monitor instruments anywhere
- ➔ Receive positive bottle alerts to prompt immediate action
- ➔ Monitor bottles to streamline workflow:
 - Adequate bottle sets and volumes
 - Delay between collection and incubation
 - Delay between positive culture and result report
 - Load/unload times
 - Time to detection
- ➔ Improve traceability with sample history and patient demographics



Increase understanding of blood culture epidemiology

- ➔ Easily leverage metrics, statistics, and reports for blood culture epidemiology

Communicate effectively with clinicians

- ➔ Run automatic and on-demand reports
- ➔ Provide fast reporting