Faster and more accurate identification and susceptibility results contribute to improved patient management, reducing the length of hospital stay and associated costs.\textsuperscript{1,3}

bioMérieux provides diagnostic solutions (reagents, instruments, software) which determine the cause of disease to improve patient health.

bioMérieux is a partner you can work with to enhance your antimicrobial stewardship program — providing faster, more accurate and actionable results. Armed with the right identification and susceptibility results, you can improve therapeutic success and patient outcomes.

Automated Validation of Every Result

VITEK\textsuperscript{2} technology represents a smarter way to automate ID/AST testing. It provides rapid, automatic, standardized validation of every test result with next generation expert software, the ADVANCED EXPERT SYSTEM\textsuperscript{TM}.

The VITEK 2 ADVANCED EXPERT SYSTEM software is like having an expert advisor standing by your side. It applies a colored indicator to each isolate that shows the level of confidence in the susceptibility results.

References:
With its intuitive customizable reporting and seamless lab connectivity, VITEK 2 easily adapts to your specific needs.

**RESULTS AT A GLANCE**

- Immediate automatic validation and transfer of high confidence results to the LIS (auto-posting) with the ADVANCED EXPERT SYSTEM™ software for faster targeted therapy
- Easy-to-use layout
- Quick access to ID and AST results using the navigation tree and filters
- Rapid result searches by patient, bench, date tested, organism, technician, accession number, etc.

**CUSTOMIZED REPORTING**

- Create rules based on intuitive “if...then” logic using BIOART™ (Advanced Reporting Tool)
- Eliminates manual report modification
- Automatically adds customized comments and alerts when reporting critical results
- Helps implement your institution’s reporting and infection control policies

**CONNECTIVITY**

- Connect easily to your Laboratory Information System (LIS) for a bi-directional computer interface
- VILINK® software allows remote support and troubleshooting through a secure connection and enables automatic software, firmware and security updates.

**TRANSFORMING DATA INTO ACTIONABLE INFORMATION**

- MYLA® software enhances lab operations
- Unique innovative user interface provides consolidated view of sample workflow
- Enables remote access by multiple users simultaneously and connectivity to an existing LIS
- Provides instrument monitoring and remote access to validate patient results
- Consolidates patient results which are accessible from any location
- Real-time cumulative statistical reports (e.g. antibiograms)

**QUALITY CONTROL MODULE**

- Manages and reports quality control results
VITEK® 2 is designed to make your ID/AST workflow as rapid and reliable as possible, while providing maximum flexibility and full traceability.

**VITEK 2/XL:** Scan card and Isolate barcodes to establish traceability

Results in as little as 5 to 8 hours

**VITEK 2 Compact:** Use ID suspension to make AST suspension

**VITEK 2 Compact:** Cards inoculated inside instrument and manually transferred from filling door to loading door for processing

**VITEK 2 Compact:** Scan cassette worksheet at the workstation

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**FLEXIBILITY**

- The barcoding system improves traceability by linking patient isolates and test cards.
- VITEK 2 allows patient demographics to be linked to microbiology results.
- Simultaneous multi-user access to VITEK 2 systems lets microbiologists finalize results from individual workstations.

**RELIABLE AND SAFE**

- Proven accuracy with faster results, contributing to improved patient outcomes\(^1\)
- Closed system: no aerosols, splattering or spills
- Full traceability with pre-applied barcodes
- Lightweight: reduced waste and biohazard disposal costs while minimizing storage space
- CLSI\(^*\) compliant AST formulations available producing MICs

**BROAD AND EXPANDING ID/AST TEST MENU**

**IDENTIFICATION CARD TYPES:**
- GN (Gram negative bacilli) 162 organisms
- GP (Gram positive cocci & bacilli) 124 organisms
- ANC (anaerobes & Corynebacteria) 89 organisms
- NH (Neisseria & Haemophilus) 32 organisms
- YST (Yeast) 54 organisms

\(^*\) CLSI - Clinical & Laboratory Standards Institute

**ANTIBIOTIC SUSCEPTIBILITY CARD TYPES**

- Gram negative Bacilli 36 antimicrobials and ESBL\(^†\) test
- Staphylococci &/or Enterococci 24 antimicrobials, 2 high level aminoglycoside screens and ICR\(^††\) test
- Streptococci 13 antimicrobials and ICR test
- Streptococcus pneumoniae 16 antimicrobials
- YST (Yeast) 3 antimicrobials

\(^\dagger\) Extended-spectrum-beta-lactamase
\(^\ddagger\) Inducible clindamycin resistance

YST card now with Candida auris

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## VITEK® 2 COMPACT

**Capacity Options**  
- 15, 30, or 60 cards per instrument

**Connections**  
- 2 instruments can be connected to the same PC

**Dimensions**  
- 23.6” x 28.3” x 26.8” (72 x 68 x 60 cm)

**Weight**  
- 165 lb (75 kg)

**Electrical Requirements**  
- 100/120 VAC (50-60 Hz)  
- or 220/240 VAC (50-60 Hz)

**Heat Dissipated**  
- 1025 BTU/Hr. (nominal)

**Environmental Requirements**  
- Operating ambient temperature range of 15˚C to 30˚C  
- Operating humidity range: 20% to 80% relative humidity, non-condensing

**Altitude**  
- up to 2,000 m

## VITEK® 2

**Capacity Options**  
- 60 cards per instrument

**Connections**  
- 2 instruments can be connected to the same PC

**Dimensions**  
- 26” x 39” x 28” (100 x 71 x 67 cm)

**Weight**  
- 240 lb (110 kg)

**Electrical Requirements**  
- 100/120 VAC (50-60 Hz)  
- or 220/240 VAC (50-60 Hz)

**Heat Dissipated**  
- 512 BTU/Hr. (nominal)

**Environmental Requirements**  
- Operating ambient temperature range of 20˚C to 30˚C  
- Operating humidity range: 20% to 80% relative humidity, non-condensing

**Altitude**  
- up to 2,000 m

## VITEK® 2 XL

**Capacity Options**  
- 120 cards per instrument

**Connections**  
- 2 instruments can be connected to the same PC

**Dimensions**  
- 26” x 55” x 28” (140 x 71 x 67 cm)

**Weight**  
- 320 lb (145 kg)

**Electrical Requirements**  
- 100/120 VAC (50-60 Hz)  
- or 220/240 VAC (50-60 Hz)

**Heat Dissipated**  
- 682 BTU/Hr. (nominal)

**Environmental Requirements**  
- Operating ambient temperature range of 20˚C to 30˚C  
- Operating humidity range: 20% to 80% relative humidity, non-condensing

**Altitude**  
- up to 2,000 m