



INNOVATING MICROBIOLOGY

VITEK[®] COMPACT PRO

SIMPLE.
RELIABLE.
REINVENTED.



Most Efficient Workflow.
Fastest Routine ID/AST Results.
Microbiology Expertise.

VITEK® COMPACT PRO

The latest innovation from VITEK Solutions is here—built on 30 years of microbiology expertise to deliver results you can trust.



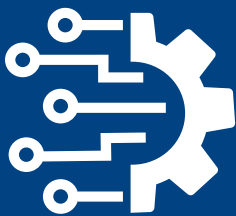
MOST EFFICIENT WORKFLOW

- Simpler, standardized, fully traceable steps for easier, more reliable workflow¹
- Intuitive user interface with guided workflow steps and illustrations
- Faster cassette loading and processing takes up to 20% less time²
- Shortest hands-on time, with 40-50% fewer workflow steps³⁻⁴



FASTEST ROUTINE ID & AST RESULTS

- Routine AST results as early as 6-8 hrs, with preliminary results to inform clinicians earlier^{3,5,6}
- Highly accurate susceptibility results and resistant phenotype detection^{7,8}
- Auto-transfer of validated ID/AST results to LIS
- Accurate MIC compliant with CLSI or FDA standards



MICROBIOLOGY EXPERTISE

- VITEK® 2 Advanced Expert System™ (AES): unique phenotypic expertise enables detection of new and emerging resistance patterns and therapeutic guidance.
- An extensive, evolving database of 15,500 antibiotic-organism combinations, and 3,800+ phenotypes⁹
- The most extensive knowledge base for latest antibiotic-organism combinations, updated breakpoints and taxonomy
- Clinical microbiology education & training support



INTUITIVE USER INTERFACE

HIGHLY EFFICIENT SYSTEM SOFTWARE

ERGONOMICALLY ADVANCED COMPACT DESIGN

FASTER CASSETTE PROCESSING & BOLD LED INDICATORS

VITEK SOLUTIONS: ID/AST Made Simple



1

Simple inoculum suspension in sterile saline.

Instant transfer of McFarland value with VITEK® DENSICHEK®.



2

Easy preparation of ID tests with VITEK® FLEXPREP™ software.



3

Load ID/AST sample and go!



4

Web based software allows sample prep anywhere in the lab and connects directly with your LIS.

ENHANCE YOUR ANTIMICROBIAL STEWARDSHIP PROGRAM WITH SAME-DAY SUSCEPTIBILITIES

The VITEK® 2 Advanced Expert System™ (AES) software is fully customizable and allows you to manage your time efficiently in the lab. The AES automatically validates each AST result with a confidence level to quickly identify results truly needing a microbiologist's valuable time and attention.

Microbiologists can easily visualize the confidence of generated results using a tag system (listed below). This can help the microbiologist know where to focus their attention.¹⁰

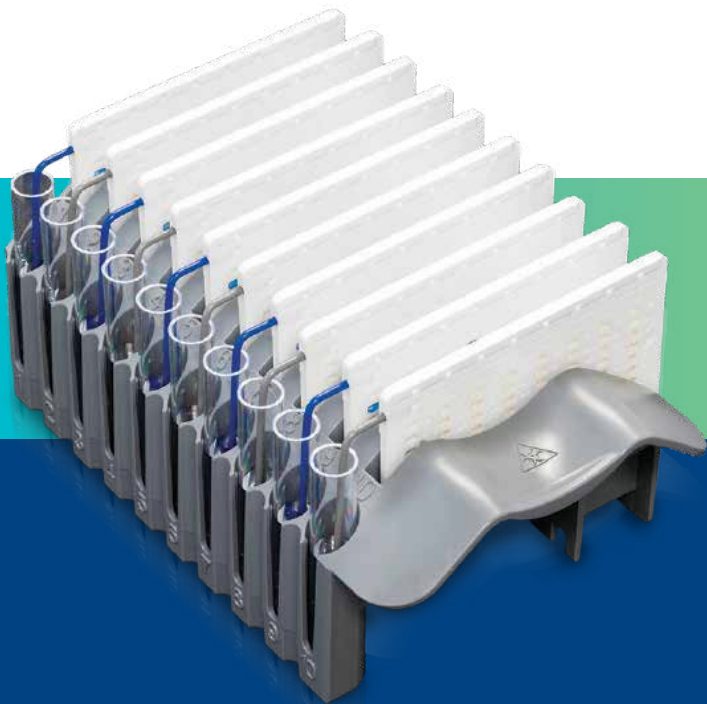
- ▶ **Green** Fully consistent results
- ▶ **Yellow** Inconsistent result, review required
- ▶ **Red** Unknown phenotype, check results
- ▶ **Purple** Phenotype not in database

PROVEN MEDICAL VALUE

Having MIC* results from a cultured isolate in as little as 5 – 8 hours enables clinicians to quickly optimize antimicrobial therapy and implement infection control policies¹⁰:

- Reduced length and cost of hospital stay¹¹⁻¹³
- Decrease antimicrobial usage and help support institutional antimicrobial stewardship programs¹⁰
- Administer the right drug at the right dose and at the right time.
- Broad and expanding ID/AST test menu
- 50% less biohazard waste and disposal costs³
- Cards cassette ergonomically designed to limit repetitive motion strain

*MIC - Minimum inhibitory concentration



BROAD AND EXPANDING ID/AST TEST MENU

IDENTIFICATION PANEL TYPES:

- **GN (gram-negative bacilli)**
>160 organisms
- **GP (gram-positive cocci & bacilli)**
>120 organisms
- **ANC (Anaerobes & Corynebacteria)**
>100 organisms
- **NH (*Neisseria* & *Haemophilus*)**
>30 organisms
- **YST (Yeast)**
>50 organisms includes *C. auris*

ANTIBIOTIC SUSCEPTIBILITY PANEL TYPES:

- **Gram-negative bacilli**
>30 antimicrobials and extended spectrum beta lactamase test
- **Staphylococci &/or Enterococci**
20 antimicrobials, 2 high level aminoglycoside screens and inducible clindamycin resistance test
- **Streptococci**
>12 antimicrobials and inducible clindamycin resistance test
- ***Streptococcus pneumoniae***
>15 antimicrobials
- **YST (Yeast)**
5 antimicrobials

INNOVATING MICROBIOLOGY FOR BETTER PATIENT CARE

For over 60 years we have been pushing the limits of technology to improve patient care. Count on VITEK® SOLUTIONS to address all your ID/AST needs from routine to critical patient challenges.



VITEK® COMPACT PRO

CAPACITY	15 ID and/or AST reagent cards, Instrument upgradeable to 30 or 60 cards capacity
DIMENSIONS	High space-efficient and the most compact footprint 76w x 68 h x 67 d cm Clearance: Minimum on left and right side: 11 cm, Minimum above: 33 cm
ELECTRICAL REQUIREMENTS	100/240 VAC (50-60 Hz), Power 450 Watts
HEAT DISSIPATED	1076 BTU/hr (nominal)
ENVIRONMENT REQUIREMENTS	Operating ambient temperature range of 15 °C to 30 °C Shipment and storage temperature -20 °C to 55 °C Relative operating humidity 20% to 80% non-condensing
WEIGHT	Approx 82 Kg (180 lb)
ALTITUDE	Minimum -100 m sea-level, Maximum 2000 m sea-level
SECURITY	Enhanced cybersecurity

A major player in in vitro diagnostics for more than 60 years, bioMérieux has always been driven by a pioneering spirit and unrelenting commitment to improve public health worldwide.

Our diagnostic solutions bring high medical value testing to healthcare professionals, providing them with the most relevant and reliable information, as quickly as possible, to support treatment decisions and better patient care.

bioMérieux's mission entails a commitment to support medical education, by promoting access to diagnostic knowledge for as many people as possible. Focusing on the medical value of diagnostics, our collection of educational booklets aims to raise awareness of the essential role that diagnostics test results play in healthcare decisions.

References

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Consult your local bioMérieux representative or visit biomerieux.com/en/education/educational-booklets

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