

INNOVATING MICROBIOLOGY

VITEK® 2 ID & AST CARDS

FAST. FLEXIBLE. EFFICIENT.

Designed for VITEK® 2 automated systems, VITEK® 2 identification (ID) and antimicrobial susceptibility test (AST) cards offer reliable and accurate results for clinically relevant organisms.



VITEK® 2 ID & AST CARDS DELIVER

- Accurate species-level ID and AST results with MICs and resistance mechanisms
- Improved therapeutic success and patient outcomes with diagnostic results to ensure informed therapy decisions ^{1,2,3}

PROVEN MEDICAL VALUE IN THE FACE OF GROWING ANTIMICROBIAL RESISTANCE²



**OPTIMIZE DIAGNOSTICS.
OPTIMIZE THERAPY.**
With our complete solution
for antimicrobial stewardship.

VITEK® 2 ID & AST CARDS

FAST. FLEXIBLE. EFFICIENT.

Reliable ID & AST are key to providing information necessary for targeted antimicrobial therapy – improving patient management, lowering costs and supporting antimicrobial stewardship.



Innovative and Flexible Design

- Microwells with optimized volume of biochemicals or antimicrobials
- Ready and simple to use with pre-applied barcodes for maximum traceability
- EUCAST and CLSI compliant AST formulations available with specific urinary and MDRO* cards



Up To 50% Fewer Preparation Steps Than Other Systems^{4,5,6}

- Single inoculum for ID & AST solution with a simple, standardized suspension of organism in saline with no additional reagent requirement
- Optimize technologist time and facilitate faster reporting
- Additional time-savings with reduced number of offline tests



Unique, Safe, Closed Consumable

- Optimized for user safety
- Small, lightweight cards save on storage space
- Reduce waste and biohazard disposal costs by 50%⁶

*MULTIDRUG RESISTANT ORGANISMS

BROAD AND EXPANDING ID & AST TEST MENU

IDENTIFICATION CARD TYPES	ANTIBIOTIC SUSCEPTIBILITY CARD TYPES*
<ul style="list-style-type: none"> • GN (Gram-negative bacilli) 201 organisms • GP (Gram-positive cocci & bacilli) 135 organisms • ANC (Anaerobes & Corynebacteria) 104 organisms • NH (<i>Neisseria</i> & <i>haemophilus</i>) 36 organisms • YST (Yeast) 63 organisms 	<ul style="list-style-type: none"> • Gram-negative bacilli 86 antimicrobials including Imipenem-relebactam, Meropenem-vaborbactam and ESBL[†] test • Staphylococci &/or Enterococci 68 antimicrobials, 4 high level aminoglycoside screens and ICR[‡] test • Streptococci 18 antimicrobials and ICR test and gentamicin synergy • Yeast 6 antimicrobials

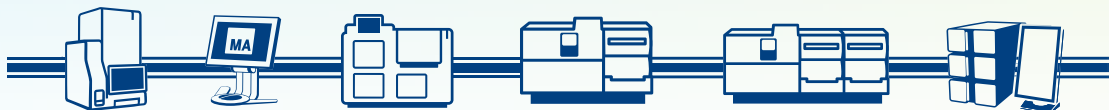
*AS PER KB 9.04 AND VET-SPECIFIC DRUG †ESBL: EXTENDED-SPECTRUM-BETA-LACTAMASE ‡ICR: INDUCIBLE CLINDAMYCIN RESISTANCE

INNOVATING MICROBIOLOGY is at the heart of VITEK® SOLUTIONS.

With our constant advances in workflow efficiency and integration, we provide you with the fastest ID & AST* solution. Designed by microbiologists for microbiologists, count on VITEK® SOLUTIONS to accompany all your ID & AST needs from routine to critical patient challenges.

Drive your AMS[†] programs with diagnostics. Take more informed therapy decisions sooner.

*IDENTIFICATION & ANTIMICROBIAL SUSCEPTIBILITY TESTING †ANTIMICROBIAL STEWARDSHIP



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3. Galar A et al. Clinical and economic impact of rapid reporting of bacterial identification and antimicrobial susceptibility results of the most frequently processed specimen types. *Eur J Clin Microbiol Infect Dis.* 2012;31(9):2445-2452.
4. Hooper M et al. Comparison of bioMérieux VITEK 2 XL, BD Phoenix, and Siemens MicroScan Walkaway96 plus choosing an identification and antimicrobial susceptibility testing system for a medium sized microbiology laboratory. *ECCMID 2013; Poster P-1536.*
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6. Heller-Ono A et al. Ergonomic Analysis Comparison of the VITEK® 2 and VITEK® 2 Compact with the Microscan WalkAway® 96 and Phoenix™ For Work Flow Efficiency and the Likelihood of Distal Upper Extremity Strain. *bioMérieux White Paper, 2008.*