

## RESULTS AT A GLANCE

- Automatic validation and transfer of high confidence results to the LIS (auto-posting) with the ADVANCED EXPERT SYSTEM™ software for faster targeted therapy<sup>3,5,6,7,8</sup>
- Quick access to ID & AST results using the navigation tree and filters
- Rapid result searches by various entry points

## CUSTOMISED REPORTING

According to your requirements using BIOART™ (Advanced Reporting Tool)

- Create rules based on intuitive "if...then" logic
- Eliminates manual report modifications
- Automatically adds customised comments and alerts when reporting critical results
- Helps implement your institution's reporting and infection control policies

## QUALITY CONTROL, TRACEABILITY & SAFETY

- Manages and reports quality control results
- Minimises human error that is an inevitable part of manually reading and reviewing results<sup>3,8</sup>
- Full traceability with pre-applied barcodes
- Closed system: no aerosols, splattering or spills
- Reduced waste and biohazard disposal costs<sup>1</sup>



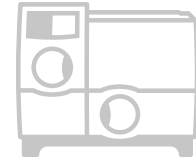
BIOMÉRIEUX

BIOMÉRIEUX

bioMérieux, your partner to maximize your lab efficiency and improve veterinary diagnostics

# VITEK® 2

EFFICIENT WORKFLOW. FASTEST ROUTINE AST RESULTS. FULLY INTEGRATED ID & AST. ANIMAL HEALTH



### VITEK® 2 COMPACT

**CAPACITY OPTIONS**  
15, 30, or 60 cards per instrument

**DIMENSIONS**  
72 x 68 x 60 cm

**WEIGHT**  
75 kg



### VITEK® 2

**CAPACITY**  
60 cards per instrument

**DIMENSIONS**  
100 x 71 x 67 cm

**WEIGHT**  
110 kg



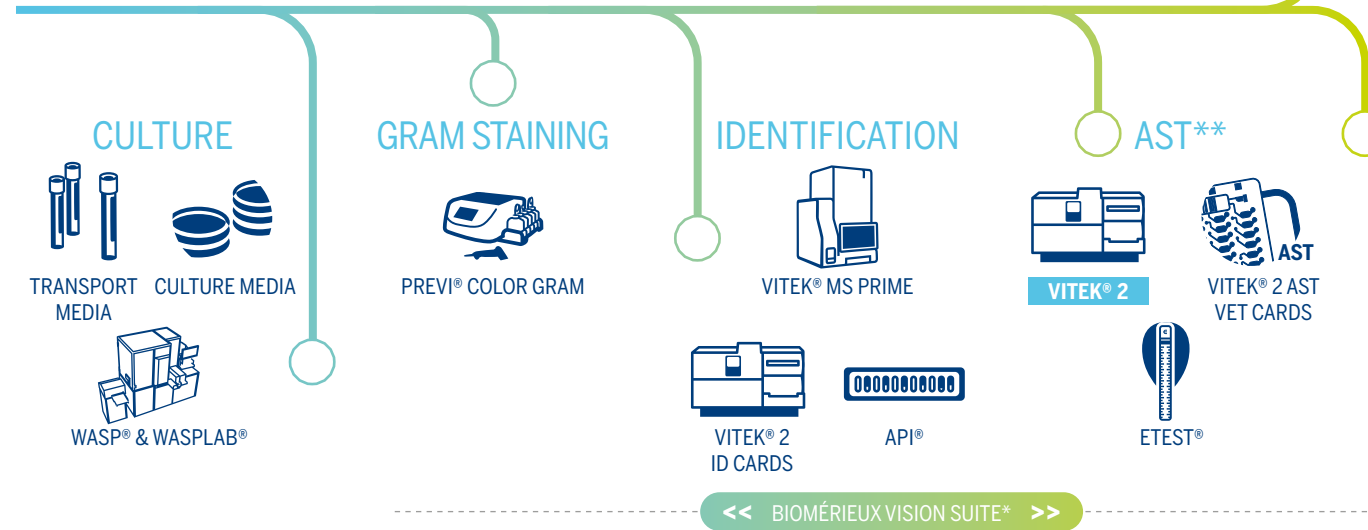
### VITEK® 2 XL

**CAPACITY**  
120 cards per instrument

**DIMENSIONS**  
140 x 71 x 67 cm

**WEIGHT**  
145 kg

## THE BIOMÉRIEUX VETERINARY MICROBIOLOGY SOLUTION



Please consult your local bioMérieux representative for product availability in your country

#### References

1. Heller-Ono A., 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, WHITE PAPER, 2008.
2. Barenfanger J., et al. J Clin Microbiol. 1999; 37(5): 1415.
3. Barry J., et al. J of Antimicrob Chemother. 2003; 51: 1191.
4. Galar A., et al. J Infect. 2012; 65(4): 302.
5. Galar A., et al. Eur J Clin Microbiol Infect Dis. 2012; 31 (9): 2445.
6. LaBombardi V.J. bioMérieux White Paper, 2011.
7. Livermore DM., et al. J Antimicrob Chemother. 2002; 49 (2): 289.
8. Sanders CC., et al. J Clin Microbiol. 2001; 39 (7): 2379.

\* MAESTRIA™  
CLARION™

\*\* AST = Antimicrobial Susceptibility Testing

bioMérieux S.A. • 69280 Marcy l'Étoile • France • Tel.: + 33 (0)4 78 87 20 00 • Fax: +33 (0)4 78 87 20 90  
www.biomerieux.com



PIONEERING DIAGNOSTICS



# VITEK® 2

is designed to make your ID & AST\* workflow as **rapid** and **reliable** as possible, while still providing maximum **flexibility** and full **traceability**. Lab personnel can recapture their time on the most challenging tasks and focus their expertise.



## DESIGNED FOR ULTRA-EFFICIENT ID & AST ROUTINE WORKFLOW

Standardized inoculum preparation and automated transfer of McFarland values with VITEK® DENSICHECK®

Easy preparation of both ID & AST tests with VITEK® FLEXPREP™ software

Load ID & AST card cassettes and go!

Intuitive middleware for action insights  
Intuitive MAESTRIA™ middleware for actionable data insights in simple automated reports.



## MOST EFFICIENT WORKFLOW

- "The VITEK® 2 System demonstrated 40-50% fewer steps compared to other systems. The reduced number of steps seen with the VITEK® 2 system translated into an average productivity gain of 8-30 seconds per work cycle. (i.e. 12- 30% more efficient work cycle setup time.)" - Alison Heller-Ono, Work Efficiency and Ergonomi Expert<sup>1</sup>
- Significantly less waste than other systems; up to 64% cost savings for contaminated waste disposal
- Minimises human error that is inevitably part of manually reading and reviewing results

## FASTER ROUTINE AST RESULTS

- Designed to provide MIC results in as little as 6 to 8h
- Proven accuracy with faster AST results, contributing to support optimized antimicrobial therapy
- Rapid, automatic, standardised validation of every test result with expert software, the ADVANCED EXPERT SYSTEM™<sup>2,3,9,10</sup>
- Implement easily your selective reporting rules in MAESTRIA™

## FULLY INTEGRATED ID & AST

- VITEK® MS PRIME for ID in minutes integrates with VITEK® 2 AST results thanks to MAESTRIA™
- Simple automated reports and data insights with VITEK® 2, VITEK® MS PRIME & MAESTRIA™
- Connect easily to your Laboratory Information System (LIS) with BCI Link (Bi-directional Computer Interface)
- VILINK® software allows remote support and troubleshooting through a secure connection and enables automatic software, firmware and security updates
- Management of the analytic workflow, including manual steps (Staining, ETEST® reading...) with MAESTRIA™

## ANIMAL HEALTH

- 5 Identification cards : GN, GP, ANC, NH, YST  
**GN** (Gram-negative bacilli) → 170 organisms  
**GP** (Gram-positive cocci & bacilli) → 128 organisms  
**ANC** (Anaerobes & Corynebacteria) → 117 organisms  
**NH** (*Neisseria* & *Haemophilus*) → 36 organisms  
**YST** (Yeast) → 60 organisms
- 7 AST cards designed by vet for vet
- Markers of resistance to orient treatment and monitor Antimicrobial Resistance (AMR) for one health surveillance

GRAM-POSITIVE AST CARDS	REFERENCE	423653	421827	421826	421825
	PRODUCT NAME	AST-GP82	AST-GP81	AST-GP80	AST-GP79
INTENDED USE		Pets	Pets	Pets	Livestock
DRUG FAMILY NAME	DRUG NAME				
Beta Lactam	Benzylpenicillin	●	●	●	●
	Ampicillin				●
	Amoxicillin-clavulanate		●	●	
	Oxacillin	●	●	●	●
	Cefoxitin Screen test	●	●	●	●
	Cefalothin		●	●	●
	Cefovecin	●	●	●	
	Cefpodoxime		●		
Aminoglycosides	Ceftiofur			●	●
	Cefquinome				●
	Amikacin	●	●		●
	Gentamicin	●	●	●	●
	Kanamycin			●	●
Fluroquinolone	Neomycin	●			●
	Streptomycin HL*				●
	Enrofloxacin	●	●	●	●
Macrolides	Marbifloxacin	●	●	●	
	Pradofloxacin	●	●	●	
	Erythromycin	●	●	●	●
Lincosamides	Tylosin				●
	Clindamycin	●	●	●	●
Phenolics	ICR** test	●	●	●	●
	Chloramphenicol	●	●	●	
Tetracyclines	Florfenicol	●	●	●	●
	Tetracycline			●	●
	Doxycycline	●	●	●	●
Others	Minocycline	●			
	Nitrofurantoin		●	●	
	Trimethoprim-sulfamethoxazole	●	●	●	●
	Fusidic acid	●			
	Mupirocin	●			
	Rifampicin	●			

GRAM-NEGATIVE AST CARDS	REFERENCE	422150	422000	421849
	PRODUCT NAME	AST-GN98	AST-GN97	AST-GN96
INTENDED USE		Pets	Pets	Livestock
DRUG FAMILY NAME	DRUG NAME			
Beta Lactam	Ampicillin	●	●	●
	Amoxicillin/Clavulanic Acid	●	●	●
	Ticarcillin-clavulanate			●
	Cefalothin		●	●
	Cefalexin	●	●	●
	Ceftiofur	●	●	●
	Cefpodoxime	●	●	●
	Cefoperazone			●
	Cefovecin	●	●	
	Ceftazidime	●		
	Cefquinome			●
	Imipenem	●	●	●
	ESBL*** test	●	●	●
	Aminoglycosides	Amikacin	●	●
Gentamicin		●	●	●
Neomycin			●	●
Fluroquinolone	Enrofloxacin	●	●	●
	Marbifloxacin	●	●	●
	Pradofloxacin		●	●
	Ciprofloxacin	●		
	Flumequine			●
Phenolics	Chloramphenicol	●	●	●
	Florfenicol			●
Tetracyclines	Tetracycline		●	●
	Doxycycline	●	●	●
Lipopeptides	Polymyxin B	●		●
Others	Trimethoprim-sulfamethoxazole	●	●	●
	Nitrofurantoin	●	●	

\* HL: High Level  
 \*\* ICR: Inducible Clindamycin Resistance  
 \*\*\* ESBL: Extended Spectrum Beta-Lactamase

\* ID & AST: Microbial Identification (ID) - Antibiotic susceptibility testing (AST)