

VITEK® REVEAL™

GRAM-NEGATIVE BC PANEL (GN01-AST)



- ✓ Antimicrobial susceptibility testing (AST) results as early as 3 hours directly from positive blood culture.¹
- ✓ Wide antimicrobial coverage for gram-negative bloodstream infections, with 171 clinically relevant bug drug combinations.

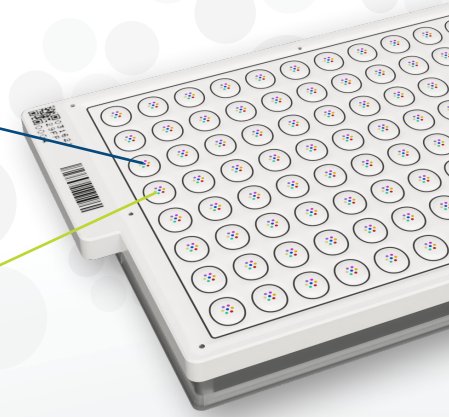
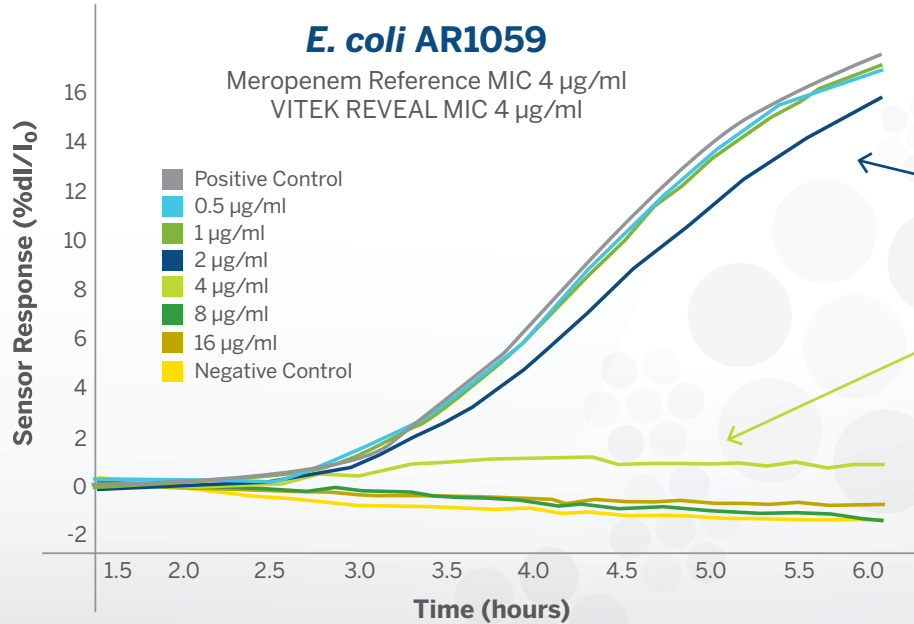
ANTIMICROBIAL DRUG	MIC CALLING RANGE (µg/ml)											
		<i>A. baumannii</i>	<i>C. freundii</i>	<i>C. koseri</i>	<i>E. cloacae</i>	<i>E. coli</i>	<i>K. aerogenes</i>	<i>K. oxytoca</i>	<i>K. pneumoniae</i>	<i>P. mirabilis</i>	<i>P. aeruginosa</i>	
Amikacin	4 - 16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Amoxicillin / Clavulanate	4/2 - 16/2			✓		✓		✓	✓	✓		
Ampicillin	4 - 8				✓					✓		
Aztreonam	1 - 16		✓	✓	✓	✓	✓	✓	✓			✓
Cefepime	0.125 - 64		✓	✓	✓	✓		✓	✓	✓	✓	✓
Cefotaxime	0.25 - 4		✓	✓	✓	✓	✓	✓	✓	✓		
Cefoxitin	8 - 16			✓		✓		✓	✓	✓		
Ceftazidime	0.125 - 64		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ceftazidime / Avibactam	0.25/4, 1/4 - 16/4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ceftazidime / Clavulanate	0.25/4 - 8/4					✓		✓	✓			
Ceftolozane / Tazobactam	1/4 - 4/4				✓	✓	✓	✓	✓			✓
Ciprofloxacin	0.06, 0.25 - 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ertapenem	0.125 - 1		✓	✓	✓	✓	✓	✓	✓	✓		
Gentamicin	2 - 4	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Imipenem	1 - 8	✓	✓	✓	✓	✓	✓	✓	✓			✓
Levofloxacin	0.25 - 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Meropenem	0.125 - 8	✓			✓	✓	✓	✓	✓	✓	✓	✓
Meropenem / Vaborbactam	2/8 - 8/8		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Piperacillin	8 - 16		✓		✓	✓	✓	✓	✓	✓	✓	✓
Piperacillin / Tazobactam	4/4 - 16/4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tigecycline	0.5 - 1			✓		✓						
Tobramycin	2 - 4	✓			✓	✓	✓	✓	✓	✓	✓	✓
Trimethoprim / Sulfamethoxazole	2/38 - 4/76		✓	✓	✓	✓	✓	✓	✓	✓		

System reports interpretive categories (e.g., "S/R") according to CA-SFM and EUCAST guidelines.

NOVEL TECHNOLOGY DETERMINES MIC DIRECTLY FROM POSITIVE BLOOD CULTURE

OPTIMIZE DIAGNOSTICS. MANAGE SEPSIS.
With our fast, integrated sepsis solution.

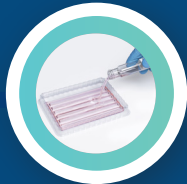
The panel includes highly sensitive nanoporous sensors. The sensors change color in response to metabolic volatiles produced by microorganisms during growth to quantify antibiotic efficacy.



SIMPLE PREP IN <3 MINUTES



Dilute



Decant



Inoculate



Cover with
Sensor Panel



Seal Assay



Run AST Panel

AVERAGE 5.5 - 6 HOURS TIME TO RESULT^{1,2}

PERFORMANCE OVERVIEW³

- Compliant to ISO 20776-2:2021
- Meets or exceeds ISO standard acceptance criteria of ≥90% EA, ≥95% Sensitivity/Specificity

Panel Information

Breakpoint Standards: CA-SFM / EUCAST

VITEK REVEAL GN01-AST PANEL: 900-00008

Product availability varies by country. Consult your bioMérieux representative.

References

1. BMX.1.129899 Clinical Trial Summary Report (proprietary, on file at bioMérieux).
2. Rottman M et al. Clinical evaluation of the VITEK® REVEAL™ (previously branded SPECIFIC REVEAL) Rapid AST System with Gram-negative bacteremia samples in 6 hospitals in France and England. Poster presented at: ECCMID; 2022 May; Lisbon, Portugal.
3. BMX.1.133728 Performance Analysis for VITEK REVEAL GN01-AST assay using 510(k) clinical study data (proprietary, on file at bioMérieux).

