gradientech

QuickMIC® GN
Antibiotic-Organism Matrix

MIC ranges and antibiotic–organism coverage across key Gram-negative pathogens



Performance data shown are from Gradientech internal verification and validation studies conducted in support of CE marking for QuickMIC® GN.

Antimicrobial drug	MIC range mg/L	E.coli	Klebsiella spp.	P. aeruginosa	Acinetobacter spp.	Enterobacter spp.	Proteus spp.	Citrobacter spp.	S. marcescens	Total
Amikacin	1.0 - 20	✓	✓	✓	✓	✓	✓	✓	✓	8
Cefepime	0.50 - 10	✓	✓	✓		✓	✓	✓	✓	7
Ciprofloxacin	0.13 - 2.5	✓	✓	✓	✓	✓	✓	✓	✓	8
Colistin	0.50 - 5	✓	✓	✓	✓	✓	✓	✓	✓	8
Cefotaxime	0.25 - 5	✓	✓			✓	✓	✓	✓	6
Ceftazidime/avibactam	0.50 - 10	✓	✓	✓		✓	✓	✓	✓	7
Ceftazidime	0.50 - 10	✓	✓	✓		✓	✓	✓	✓	7
Gentamicin	0.50 - 10	✓	✓		✓	✓	✓	✓	✓	7
Meropenem	0.50 - 10	✓	✓	✓	✓	✓	✓	✓	✓	8
Piperacillin/tazobactam	2.0 - 40	✓	✓	✓		✓	✓	✓	✓	7
Tigecycline	0.063 - 1.25	✓								1
Tobramycin	0.50 - 10	✓	✓	✓	✓	✓	✓	✓	✓	8
✓ **Antibiotic-organism combinations providing SIR category results**										82

Three result metrics in one rapid AST workflow

Linear MIC
High-resolution quantitative data

2-fold dilution MIC
Conventional MIC reporting format

S-I-R
Clinically actionable susceptibility categories

Complete rapid AST results for diagnostic laboratories.
MIC results in 2-4 hours.

Explore QuickMIC® GN →

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The QuickMIC system is CE marked. The QuickMIC system is not FDA 510(k)-cleared and not available for in vitro diagnostic use in the U.S.

MAR089-01

CE 2797