

QC Ranges Eliminated From CLSI Document M100 Since 2010

Antimicrobial Agent	Disk Content	QC Strain	Disk Diffusion QC Ranges, mm	MIC QC Ranges, µg/mL	M100 Edition in Which Breakpoints Were Last Included/Comments	Rationale
Ceftobiprole	30 µg	<i>Pseudomonas aeruginosa</i> ATCC® 27853	24-30	-	M100, 30th ed.	The QC ranges were revised using a 5-µg disk.
Colistin	N/A	<i>Escherichia coli</i> ATCC® 25922	-	0.25-2	M100, 33rd ed.	Following implementation of the QC range, inconsistent results were noted in subsequent studies. Because this was supplemental QC, this strain provided no value. Many laboratories already confirm with <i>P. aeruginosa</i> ATCC® 27853 and mcr-1 strain when out of range.
Methicillin	5 µg	<i>Staphylococcus aureus</i> ATCC® 25923	17-22	-	M100, 28th ed.	This agent is no longer available.
	N/A	<i>S. aureus</i> ATCC® 29213	-	0.5-2	M100, 28th ed.	
		<i>Enterococcus faecalis</i> ATCC® 29212	-	> 16	M100, 28th ed.	
Mezlocillin	75 µg	<i>E. coli</i> ATCC® 25922	23-29	-	M100, 28th ed.	This agent is no longer available.
		<i>P. aeruginosa</i> ATCC® 27853	19-25	-	M100, 28th ed.	
	N/A	<i>S. aureus</i> ATCC® 29213	-	1-4	M100, 28th ed.	
		<i>E. faecalis</i> ATCC® 29212	-	1-4	M100, 28th ed.	
		<i>E. coli</i> ATCC® 25922	-	2-8	M100, 28th ed.	
		<i>P. aeruginosa</i> ATCC® 27853	-	8-32	M100, 28th ed.	
Plazomicin	N/A	<i>E. faecalis</i> ATCC® 29212	-	32-128	M100, 29th ed.	Following implementation of the QC range, inconsistent results were noted in subsequent studies. Because plazomicin is not recommended for <i>Enterococcus</i> spp., the drug sponsor requested the QC range for <i>E. faecalis</i> ATCC® 29212 be removed.

Abbreviations: ATCC®, American Type Culture Collection; N/A, not applicable.