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- The present MTS™ Interpretative Criteria and Quality Control table does not replace the official documents by CLSI, EUCAST and FDA.
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Clinical

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL		
		S≤	SDD MIC µg/mL	I	R≥	S≤	R>	MIC µg/mL	MIC µg/mL		
AMIKACIN 0.016 - 256 µg/mL	AK	<i>Enterobacterales</i>	4	8	16	<i>Enterobacterales</i> (systemic infections)	(8)	(8)	<i>S. aureus</i>	ATCC® 29213	1-4
		<i>P. aeruginosa</i>	16	32	64	<i>Enterobacterales</i> (infections originating from the urinary tract)	8	8	<i>E. faecalis</i>	ATCC® 29212	64-256
		<i>Acinetobacter</i> spp.	16	32	64	<i>Pseudomonas</i> spp.	16	16	<i>E. coli</i>	ATCC® 25922	0.5-4
		Other Non-Enterobacterales	16	32	64	<i>Acinetobacter</i> spp.	8	8	<i>P. aeruginosa</i>	ATCC® 27853	1-4
		FDA ⁴				<i>S. aureus</i>	(16)	(16)			
		<i>Enterobacterales</i>	16	32	64	Coagulase-negative staphylococci	(16)	(16)			
AMOXICILLIN 0.016 - 256 µg/mL	AML	<i>S. pneumoniae</i> (nonmeningitis)	2	4	8	<i>Enterobacterales</i> (iv)	8	8	<i>K. pneumoniae</i>	ATCC® 700603	> 128
						<i>Enterobacterales</i> (oral, infections originating from the urinary tract)	0.001	8	<i>E. coli</i>	ATCC® 25922	2-8
						<i>Enterobacterales</i> (oral, uncomplicated UTI only)	8	8	<i>S. aureus</i>	ATCC® 29213	0.5-2
						<i>Enterobacterales</i> (oral, other indications)	8	8	<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.12
						<i>Enterococcus</i> spp.	4	8	<i>H. influenzae</i>	ATCC® 49766	0.125-0.5
						<i>S. pneumoniae</i> (iv, meningitis)	0.5	0.5			
						<i>S. pneumoniae</i> (oral)	0.5	1			
						Viridans group streptococci	0.5	2			
						<i>H. influenzae</i> (iv)	2	2			
						<i>H. influenzae</i> (oral)	0.001	2			
						<i>N. meningitidis</i>	0.12	1			
						<i>Prevotella</i> spp.	0.25	0.25			
						<i>F. necrophorum</i>	0.5	0.5			
						<i>C. perfringens</i>	0.25	0.25			
						<i>C. acnes</i>	0.25	0.25			
						<i>H. pylori</i>	0.12	0.12			
						<i>P. multocida</i>	1	1			
						<i>C. diphtheriae</i> and <i>C. ulcerans</i>	1	1			
		AMOXICILLIN*-CLAVULANIC ACID (2/1) 0.016 - 256* µg/mL CLSI recommended	AUG	<i>Enterobacterales</i>	8	16	32	Not available			<i>S. aureus</i>
<i>Haemophilus</i> spp.	2			4	8				<i>E. faecalis</i>	ATCC® 29212	0.25-1
<i>S. pneumoniae</i> (nonmeningitis)	2			4	8				<i>E. coli</i>	ATCC® 25922	2-8
Anaerobes	4			8	16				<i>E. coli</i>	ATCC® 35218	4-16
FDA ⁴									<i>K. pneumoniae</i>	ATCC® 700603	4-16
<i>H. influenzae</i>	4			-	8				<i>H. influenzae</i>	ATCC® 49247	2-16
							<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.12		
							<i>B. fragilis</i>	ATCC® 25285	0.25-1		
							<i>B. thetaiotaomicron</i>	ATCC® 29741	0.25-1		

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL		
		S≤	SDD MIC µg/mL	I	R≥	S≤	R>	MIC µg/mL			MIC µg/mL
AMOXICILLIN-CLAVULANIC ACID 0.016/2 - 256/2 µg/mL EUCAST recommended	AMC	Not available				Enterobacterales (iv)	8	8	<i>E. coli</i>	ATCC® 25922	2-8
					Enterobacterales (oral, infections originating from the urinary tract)	0.001	8	<i>S. aureus</i>	ATCC® 29213	0.125-0.5	
					Enterobacterales (oral, uncomplicated UTI only)	32	32	<i>H. influenzae</i>	ATCC® 49766	0.125-0.5	
					Enterobacterales (oral, other indications)	8	8	<i>E. coli</i>	ATCC® 35218	4-32	
					Enterococcus spp.	4	8	<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.12	
					<i>S. pneumoniae</i> (oral)	0.5	1	<i>B. fragilis</i>	ATCC® 25285	0.06-0.25	
					<i>H. influenzae</i> (iv)	2	2				
					<i>H. influenzae</i> (oral)	0.001	2				
					<i>M. catarrhalis</i>	1	1				
					<i>Bacteroides</i> spp.	2	2				
					<i>F. necrophorum</i>	0.5	0.5				
					<i>C. perfringens</i>	0.25	0.25				
					<i>P. multocida</i>	1	1				
					<i>B. pseudomallei</i>	0.001	8				
AMPICILLIN 0.016 - 256 µg/mL	AMP	<i>Enterobacterales</i>	8	16	32	<i>Enterobacterales</i>	8	8	<i>S. aureus</i>	ATCC® 29213	0.5-2
		<i>Enterococcus</i> spp.	8	-	16	<i>Enterococcus</i> spp.	4	8	<i>E. faecalis</i>	ATCC® 29212	0.5-2
		<i>Haemophilus</i> spp.	1	2	4	<i>S. pneumoniae</i> (other than meningitis)	0.5	1	<i>E. coli</i>	ATCC® 25922	2-8
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.25	-	-	<i>S. pneumoniae</i> (meningitis)	0.5	0.5	<i>E. coli</i>	ATCC® 35218	> 32
		<i>Streptococcus</i> spp. Viridans Group	0.25	0.5-4	8	Viridans group streptococci	0.5	2	<i>K. pneumoniae</i>	ATCC® 700603	> 128
		<i>N. meningitidis</i>	0.12	0.25-1	2	<i>H. influenzae</i>	1	1	<i>H. influenzae</i>	ATCC® 49247	2-8
		Anaerobes	0.5	1	2	<i>N. meningitidis</i>	0.12	1	<i>S. pneumoniae</i>	ATCC® 49619	0.06-0.25
					<i>Prevotella</i> spp.	0.5	0.5	<i>H. influenzae</i>	ATCC® 49766	0.06-0.25	
					<i>F. necrophorum</i>	0.5	0.5				
					<i>C. perfringens</i>	0.25	0.25				
					<i>C. acnes</i>	0.25	0.25				
					<i>L. monocytogenes</i> (all indications)	1	1				
					<i>P. multocida</i>	1	1				
					<i>Aerococcus sanguinicola</i> and <i>urinae</i>	0.25	0.25				
					<i>K. kingae</i>	0.06	0.06				
AMPICILLIN*-SULBACTAM (2/1) 0.016 - 256* µg/mL CLSI recommended	AMS	<i>Enterobacterales</i>	8	16	32	Not available			<i>E. coli</i>	ATCC® 25922	2-8
		<i>Acinetobacter</i> spp.	8	16	32			<i>E. coli</i>	ATCC® 35218	8-32	
		<i>Haemophilus</i> spp.	2	-	4			<i>K. pneumoniae</i>	ATCC® 700603	8-32	
		Anaerobes	8	16	32			<i>H. influenzae</i>	ATCC® 49247	2-8	
								<i>B. fragilis</i>	ATCC® 25285	0.5-2	
								<i>B. thetaiotaomicron</i>	ATCC® 29741	0.5-2	
								<i>E. lenta</i>	ATCC® 43055	0.5-2	
AMPICILLIN-SULBACTAM 0.016/4 - 256/4 µg/mL EUCAST recommended	SAM	Not available				<i>Enterobacterales</i>	8	8	<i>E. coli</i>	ATCC® 25922	1-4
					<i>Enterococcus</i> spp.	4	8	<i>H. influenzae</i>	ATCC® 49766	0.06-0.25	
					<i>H. influenzae</i>	1	1	<i>E. coli</i>	ATCC® 35218	16-128	
					<i>M. catarrhalis</i>	1	1	<i>B. fragilis</i>	ATCC® 25285	0.125-0.5	
					<i>Bacteroides</i> spp.	2	2				
					<i>F. necrophorum</i>	0.5	0.5				
					<i>C. perfringens</i>	0.25	0.25				

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL		
							S≤ MIC µg/mL	R>	MIC µg/mL	MIC µg/mL	MIC µg/mL	
AZITHROMYCIN 0.016 - 256 µg/mL	AZM	<i>S. enterica</i> ser. Typhi	16	-	-	32	<i>Staphylococcus</i> spp. Streptococcus groups A, B, C and G <i>S. pneumoniae</i> <i>M. catarrhalis</i> <i>K. kingae</i> <i>Vibrio</i> spp.	2	2	<i>S. aureus</i>	ATCC® 29213	0.5-2
		<i>Shigella</i> spp.	8	-	16	32		0.25	0.25	<i>H. influenzae</i> (-CO ₂)	ATCC® 49247	1-4
		All staphylococci	2	-	4	8		0.25	0.25	<i>H. influenzae</i> (+CO ₂)	ATCC® 49247	4-16
		<i>H. influenzae</i>	4	-	-	-		0.25	0.25	<i>S. pneumoniae</i> (-CO ₂)	ATCC® 49619	0.06-0.25
		<i>N. gonorrhoeae</i>	1	-	-	-		0.25	0.25	<i>S. pneumoniae</i> (+CO ₂)	ATCC® 49619	0.5-2
		<i>S. pneumoniae</i>	0.5	-	1	2		4	4	<i>N. gonorrhoeae</i>	ATCC® 49226	0.25-1
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.5	-	1	2						
		<i>Streptococcus</i> spp. Viridans Group	0.5	-	1	2						
		<i>N. meningitidis</i>	2	-	-	-						
AZTREONAM 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	ATM	<i>Enterobacterales</i>	4	-	8	16	<i>Enterobacterales</i> <i>Pseudomonas</i> spp. <i>Aeromonas</i> spp.	1	4	<i>E. coli</i>	ATCC® 25922	0.06-0.5
		<i>P. aeruginosa</i>	8	-	16	32		0.001	16	<i>P. aeruginosa</i>	ATCC® 27853	2-8
		Other Non-Enterobacterales	8	-	16	32		1	4	<i>E. coli</i>	ATCC® 35218	0.03-0.12
		<i>Haemophilus</i> spp.	2	-	-	-				<i>K. pneumoniae</i>	ATCC® 700603	> 8
									<i>K. pneumoniae</i>	ATCC® BAA-2814	> 128	
									<i>H. influenzae</i>	ATCC® 49247	0.12-0.5	
CEFACLOR 0.016 - 256 µg/mL	CEC	<i>Enterobacterales</i>	8	-	16	32	<i>S. pneumoniae</i> <i>H. influenzae</i>	0.001	0.5	<i>S. aureus</i>	ATCC® 29213	1-4
		<i>Haemophilus</i> spp.	8	-	16	32		0.5	0.5	<i>E. coli</i>	ATCC® 25922	1-4
		<i>S. pneumoniae</i>	1	-	2	4				<i>H. influenzae</i>	ATCC® 49766	1-4
									<i>S. pneumoniae</i>	ATCC® 49619	1-4	
CEFAZOLIN 0.016 - 256 µg/mL	KZ	<i>Enterobacterales</i> (systemic infections)	2	-	4	8	<i>Enterobacterales</i> (<i>E. coli</i> , and <i>Klebsiella</i> spp., except <i>K. aerogenes</i>) Viridans group streptococci	0.001	4	<i>S. aureus</i>	ATCC® 29213	0.25-1
		<i>Enterobacterales</i> (uncomplicated UTIs due to <i>E. coli</i> , <i>K. pneumoniae</i> , and <i>P. mirabilis</i>)	16	-	-	32		0.5	0.5	<i>E. coli</i>	ATCC® 25922	1-4
		FDA ⁴	1	-	2	4						
		Enterobacteriaceae										
CEFEPIME 0.016 - 256 µg/mL 0.002 - 32 µg/mL	FEP	<i>Enterobacterales</i>	2	4-8	-	16	<i>Enterobacterales</i> <i>Pseudomonas</i> spp. <i>S. pneumoniae</i> Viridans group streptococci <i>H. influenzae</i> <i>M. catarrhalis</i> <i>Aeromonas</i> spp.	1	4	<i>S. aureus</i>	ATCC® 29213	1-4
		<i>P. aeruginosa</i>	8	-	16	32		0.001	8	<i>E. coli</i>	ATCC® 25922	0.016-0.12
		<i>Acinetobacter</i> spp.	8	-	16	32		1	2	<i>P. aeruginosa</i>	ATCC® 27853	0.5-4
		Other non-Enterobacterales	8	-	16	32		0.5	0.5	<i>E. coli</i>	ATCC® 35218	0.008-0.06
		<i>Haemophilus</i> spp.	2	-	-	-		0.25	0.25	<i>K. pneumoniae</i>	ATCC® 700603	0.5-2
		<i>N. gonorrhoeae</i>	0.5	-	-	-		4	4	<i>K. pneumoniae</i>	ATCC® BAA-2814	> 32
		<i>S. pneumoniae</i> (meningitis)	0.5	-	1	2		1	4	<i>E. coli</i>	NCTC 13353	≥ 64
		<i>S. pneumoniae</i> (nonmeningitis)	1	-	2	4				<i>A. baumannii</i>	NCTC 13304	16-128
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.5	-	-	-				<i>H. influenzae</i>	ATCC® 49247	0.5-2
		<i>Streptococcus</i> spp. Viridans Group	1	-	2	4				<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.25
		FDA ⁴								<i>N. gonorrhoeae</i>	ATCC® 49226	0.016-0.06
		<i>P. aeruginosa</i>	8	-	-	16				<i>H. influenzae</i>	ATCC® 49766	0.03-0.125
		CEFIDEROCOL 0.016 - 256 µg/mL	FDC	<i>P. aeruginosa</i>	4	-		8	16	<i>P. aeruginosa</i>	2	2
FDA ⁴												
<i>P. aeruginosa</i>	1			-	2	4						
<i>A. baumannii</i> complex	1			-	2	4						
CEFIXIME 0.016 - 256 µg/mL	CFM	<i>Enterobacterales</i>	1	-	2	4	<i>Enterobacterales</i> <i>H. influenzae</i> <i>M. catarrhalis</i> <i>N. gonorrhoeae</i>	1	1	<i>S. aureus</i>	ATCC® 29213	8-32
		<i>Haemophilus</i> spp.	1	-	-	-		0.125	0.125	<i>E. coli</i>	ATCC® 25922	0.25-1
		<i>N. gonorrhoeae</i>	0.25	-	-	-		0.5	0.5	<i>H. influenzae</i>	ATCC® 49247	0.12-1
									<i>N. gonorrhoeae</i>	ATCC® 49226	0.004-0.03	
									<i>H. influenzae</i>	ATCC® 49766	0.016-0.06	

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST		QUALITY CONTROL		MIC µg/mL		
							INTERPRETATIVE CRITERIA ²		S≤	R>		MIC µg/mL	
CEFOTAXIME 0.016 - 256 µg/mL 0.002 - 32 µg/mL	CTX	<i>Enterobacteriales</i>	1		2	4	<i>Enterobacteriales</i> (other than meningitis)	1	2	<i>S. aureus</i>	ATCC® 29213	1-4	
		<i>Acinetobacter</i> spp.	8		16-32	64		<i>E. coli</i>	ATCC® 25922	0.03-0.12			
		Other Non-Enterobacteriales	8		16-32	64		<i>Enterobacteriales</i> (meningitis)	1	1	<i>P. aeruginosa</i>	ATCC® 27853	8-32
		<i>Haemophilus</i> spp.	2		-	-		<i>S. pneumoniae</i> (other than meningitis)	0.5	2	<i>H. influenzae</i>	ATCC® 49247	0.12-0.5
		<i>N. gonorrhoeae</i>	0.5		-	-		<i>S. pneumoniae</i> (meningitis)	0.5	0.5	<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.12
		<i>S. pneumoniae</i> (meningitis)	0.5		1	2		Viridans group streptococci	0.5	0.5	<i>N. gonorrhoeae</i>	ATCC® 49226	0.016-0.06
		<i>S. pneumoniae</i> (nonmeningitis)	1		2	4		<i>H. influenzae</i> (other than meningitis)	0.125	0.125	<i>H. influenzae</i>	ATCC® 49766	0.004-0.016
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.5		-	-		<i>H. influenzae</i> (meningitis)	0.125	0.125			
		<i>Streptococcus</i> spp. Viridans Group	1		2	4		<i>M. catarrhalis</i>	1	2			
		<i>N. meningitidis</i>	0.12		-	-		<i>N. gonorrhoeae</i>	0.12	0.12			
		Anaerobes	16		32	64		<i>N. meningitidis</i> (all indications)	0.12	0.12			
		FDA ⁴						<i>P. multocida</i>	0.03	0.03			
		<i>Acinetobacter</i> spp.	1		2	4		<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.001	2			
		Other Non-Enterobacteriales	1		2	4		<i>K. kingae</i>	0.125	0.125			
		<i>H. influenzae</i> and <i>H. parainfluenzae</i>	1		-	-		<i>Vibrio</i> spp. (except <i>V. fluvialis</i>)	0.25	0.25			
Anaerobes	1		2	4									
CEFOTETAN 0.016 - 256 µg/mL	CTT	<i>Enterobacteriales</i>	16		32	64	Not available			<i>S. aureus</i>	ATCC® 29213	4-16	
		<i>N. gonorrhoeae</i>	2		4	8		<i>E. coli</i>	ATCC® 25922	0.06-0.25			
		Anaerobes	16		32	64		<i>N. gonorrhoeae</i>	ATCC® 49226	0.5-2			
		FDA ⁴						<i>B. fragilis</i>	ATCC® 25285	1-8			
		<i>H. influenzae</i>	4		8	16		<i>B. thetaiotaomicron</i>	ATCC® 29741	16-128			
		<i>Enterobacteriales</i>	4		8	16		<i>E. lenta</i>	ATCC® 43055	16-64			
		Anaerobes	4		8	16							
<i>N. gonorrhoeae</i>	4		8	16									
CEFOXITIN 0.016 - 256 µg/mL	FOX	<i>Enterobacteriales</i>	8		16	32	<i>Staphylococcus</i> spp. (screen only)		(*)	<i>S. aureus</i>	ATCC® 29213	1-4	
		<i>Staphylococcus</i> spp.	4		-	8		<i>E. coli</i>	ATCC® 25922	2-8			
		<i>N. gonorrhoeae</i>	2		4	8		<i>N. gonorrhoeae</i>	ATCC® 49226	0.5-2			
		Anaerobes	16		32	64		<i>B. fragilis</i>	ATCC® 25285	2-8			
		FDA ⁴						<i>B. thetaiotaomicron</i>	ATCC® 29741	8-64			
		<i>Enterobacteriales</i>	4		8	16		<i>E. lenta</i>	ATCC® 43055	2-16			
Anaerobes	4		8	16									
CEFPIROME 0.016 - 256 µg/mL	CR	Not available					Not available			<i>H. influenzae</i>	ATCC® 49247	0.25-1	
CEFPODOXIME 0.016 - 256 µg/mL	PX	<i>Enterobacteriales</i>	2		4	8	<i>Enterobacteriales</i>	1	1	<i>S. aureus</i>	ATCC® 29213	1-8	
		<i>Haemophilus</i> spp.	2		-	-		<i>S. pneumoniae</i>	0.25	0.25	<i>E. coli</i>	ATCC® 25922	0.25-1
		<i>N. gonorrhoeae</i>	0.5		-	-		<i>H. influenzae</i>	0.25	0.25	<i>E. coli</i>	ATCC® 35218	0.12-0.5
		<i>S. pneumoniae</i>	0.5		1	2		<i>K. pneumoniae</i>			ATCC® 700603	4-32	
								<i>E. coli</i>			NCTC 13353	32-128	
								ATCC® 49247	0.25-1				
								ATCC® 49619	0.03-0.12				
								ATCC® 49226	0.03-0.12				
								ATCC® 49766	0.03-0.125				
CEFTAROLINE 0.016 - 256 µg/mL 0.002 - 32 µg/mL	CPT	<i>Enterobacteriales</i>	0.5		1	2	<i>Enterobacteriales</i>	0.5	0.5	<i>S. aureus</i>	ATCC® 29213	0.12-0.5	
		<i>S. aureus</i> only including MRSA	1		2-4	8		<i>S. aureus</i> (indications other than pnenumonia)	1	2	<i>E. faecalis</i>	ATCC® 29212	0.25-2
		<i>Haemophilus</i> spp.	0.5		-	-		<i>S. aureus</i> (pnenumonia)	1	1	<i>E. coli</i>	ATCC® 25922	0.03-0.12
		<i>S. pneumoniae</i> (nonmeningitis)	0.5		-	-		<i>S. pneumoniae</i>	0.25	0.25	<i>K. pneumoniae</i>	ATCC® 700603	2-8
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.5		-	-		<i>S. pneumoniae</i>	0.25	0.25	<i>H. influenzae</i>	ATCC® 49247	0.03-0.12
		FDA ⁴						<i>H. influenzae</i>	0.03	0.03	<i>S. pneumoniae</i>	ATCC® 49619	0.008-0.03
		<i>S. aureus</i> (including MRSA)	1		2	4					<i>B. fragilis</i>	ATCC® 25285	2-16
											<i>B. thetaiotaomicron</i>	ATCC® 29741	8-64
								ATCC® 700057	0.5-4				
								ATCC® 49766	0.004-0.016				

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST INTERPRETATIVE CRITERIA ²	S≤	R>	QUALITY CONTROL		
										MIC µg/mL	MIC µg/mL	
CEFTAZIDIME 0.016 - 256 µg/mL	CAZ	<i>Enterobacterales</i>	4		8	16	<i>Enterobacterales</i>	1	4	<i>S. aureus</i>	ATCC® 29213	4-16
		<i>P. aeruginosa</i>	8		16	32	<i>Pseudomonas</i> spp.	0.001	8	<i>E. coli</i>	ATCC® 25922	0.06-0.5
		<i>Acinetobacter</i> spp.	8		16	32	<i>Aeromonas</i> spp.	1	4	<i>P. aeruginosa</i>	ATCC® 27853	1-4
		<i>B. cepacia</i>	8		16	32	<i>Vibrio</i> spp.	1	1	<i>K. pneumoniae</i>	ATCC® 700603	16-64
		Other Non-Enterobacterales	8		16	32	<i>B. pseudomallei</i>	0.001	8	<i>H. influenzae</i>	ATCC® 49247	0.12-1
		<i>Haemophilus</i> spp.	2		-	-				<i>N. gonorrhoeae</i>	ATCC® 49226	0.03-0.12
		FDA ⁴										
		<i>P. aeruginosa</i>	8		-	16						
CEFTAZIDIME-AVIBACTAM 0.016/4 - 256/4 µg/mL	CZA	<i>Enterobacterales</i>	8		-	16	<i>Enterobacterales</i>	8	8	<i>S. aureus</i>	ATCC® 29213	4-16
		<i>P. aeruginosa</i>	8		-	16	<i>Pseudomonas</i> spp.	8	8	<i>E. coli</i>	ATCC® 25922	0.06-0.5
										<i>P. aeruginosa</i>	ATCC® 27853	0.5-4
										<i>E. coli</i>	ATCC® 35218	0.03-0.12
										<i>K. pneumoniae</i>	ATCC® 700603	0.25-2
										<i>E. coli</i>	NCTC 13353	0.12-0.5
										<i>K. pneumoniae</i>	ATCC® BAA-1705	0.25-2
										<i>K. pneumoniae</i>	ATCC® BAA-2814	1-4
										<i>H. influenzae</i>	ATCC® 49247	0.06-0.5
										<i>H. influenzae</i>	ATCC® 49766	0.016-0.06
										<i>S. pneumoniae</i>	ATCC® 49619	0.25-2
CEFTIBUTEN 0.002 - 32 µg/mL	CTB	<i>Enterobacterales</i>	8		16	32	<i>Enterobacterales</i> (infections originating from the urinary tract)	1	1	<i>E. coli</i>	ATCC® 25922	0.12-1
		<i>H. influenzae</i>	2		-	-	<i>H. influenzae</i>	1	1	<i>E. coli</i>	NCTC 13353	16-64
										<i>K. pneumoniae</i>	ATCC® 700603	0.25-1
										<i>K. pneumoniae</i>	ATCC® BAA-1705	4-32
										<i>K. pneumoniae</i>	ATCC® BAA-2814	8-32
										<i>H. influenzae</i>	ATCC® 49247	0.25-1
										<i>H. influenzae</i>	ATCC® 49766	0.016-0.06
CEFTIZOXIME 0.002 - 32 µg/mL 0.016 - 256 µg/mL	CZX	<i>Enterobacterales</i>	1		2	4	Not available			<i>S. aureus</i>	ATCC® 29213	2-8
		Other Non-Enterobacterales	8		16-32	64			<i>E. coli</i>	ATCC® 25922	0.03-0.12	
		<i>Haemophilus</i> spp.	2		-	-			<i>P. aeruginosa</i>	ATCC® 27853	16-64	
		<i>N. gonorrhoeae</i>	0.5		-	-			<i>H. influenzae</i>	ATCC® 49247	0.06-0.5	
		Anaerobes	32		64	128			<i>S. pneumoniae</i>	ATCC® 49619	0.12-0.5	
										<i>N. gonorrhoeae</i>	ATCC® 49226	0.008-0.03
									<i>E. lenta</i>	ATCC® 43055	8-32	
CEFTOBIPROLE 0.002 - 32 µg/mL	BPR	Not available					<i>Enterobacterales</i>	0.25	0.25	<i>S. aureus</i>	ATCC® 29213	0.12-1
							<i>S. aureus</i>	2	2	<i>E. faecalis</i>	ATCC® 29212	0.06-0.5
							<i>S. pneumoniae</i>	0.5	0.5	<i>E. coli</i>	ATCC® 25922	0.03-0.12
										<i>P. aeruginosa</i>	ATCC® 27853	1-4
										<i>H. influenzae</i>	ATCC® 49247	0.12-1
										<i>H. influenzae</i>	ATCC® 49766	0.016-0.06
										<i>S. pneumoniae</i>	ATCC® 49619	0.004-0.03
CEFTOLOZANE-TAZOBACTAM 0.016/4 - 256/4 µg/mL	C/T	<i>Enterobacterales</i>	2		4	8	<i>Enterobacterales</i>	2	2	<i>S. aureus</i>	ATCC® 29213	16-64
		<i>P. aeruginosa</i>	4		8	16	<i>P. aeruginosa</i>	4	4	<i>E. coli</i>	ATCC® 25922	0.12-0.5
		<i>Haemophilus</i> spp.	0.5		-	-	<i>H. influenzae</i>	0.5	0.5	<i>P. aeruginosa</i>	ATCC® 27853	0.25-1
		<i>Streptococcus</i> spp. Viridans Group	8		16	32				<i>E. coli</i>	ATCC® 35218	0.06-0.25
		FDA ⁴								<i>K. pneumoniae</i>	ATCC® 700603	0.5-2
		<i>B. fragilis</i>	8		16	32						

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL		
		S≤	SDD MIC µg/mL	I	R≥	S≤ MIC µg/mL	R>	MIC µg/mL		MIC µg/mL	
CEFTRIAXONE 0.016 - 256 µg/mL 0.002 - 32 µg/mL	CRO	<i>Enterobacterales</i>	1	2	4	<i>Enterobacterales</i> (other than meningitis)	1	2	<i>S. aureus</i>	ATCC® 29213	1-8
		<i>Acinetobacter spp.</i>	8	16-32	64		<i>E. coli</i>	ATCC® 25922	0.03-0.12		
		Other Non- <i>Enterobacterales</i>	8	16-32	64		<i>P. aeruginosa</i>	ATCC® 27853	8-64		
		<i>Haemophilus spp.</i>	2	-	-		<i>S. pneumoniae</i> (other than meningitis)	ATCC® 49247	0.06-0.25		
		<i>N. gonorrhoeae</i>	0.25	-	-		<i>S. pneumoniae</i> (meningitis)	ATCC® 49619	0.03-0.12		
		<i>S. pneumoniae</i> (meningitis)	0.5	1	2		Viridans group streptococci	ATCC® 49226	0.004-0.016		
		<i>S. pneumoniae</i> (nonmeningitis)	1	2	4		<i>H. influenzae</i> (other than meningitis)	ATCC® 49766	0.002-0.008		
		<i>Streptococcus spp. β-Hemolytic Group</i>	0.5	-	-		<i>H. influenzae</i> (meningitis)				
		<i>Streptococcus spp. Viridans Group</i>	1	2	4		<i>M. catarrhalis</i>				
		<i>N. meningitidis</i>	0.12	-	-		<i>N. gonorrhoeae</i>				
		Anaerobes	16	32	64		<i>N. meningitidis</i> (all indications including prophylaxis)				
		FDA ⁴					<i>C. acnes</i>				
		Anaerobes	1	2	4		<i>K. kingae</i>				
							<i>B. melitensis</i>				
CEFUROXIME 0.016 - 256 µg/mL	CXM	<i>Enterobacterales</i> (parenteral)	8	16	32	<i>Enterobacterales</i> (iv)	0.001	8	<i>S. aureus</i>	ATCC® 29213	0.5-2
		<i>Enterobacterales</i> (oral)	4	8-16	32	<i>Enterobacterales</i> (oral)	8	8	<i>E. coli</i>	ATCC® 25922	2-8
		<i>Haemophilus spp.</i>	4	8	16	<i>S. pneumoniae</i> (iv)	0.5	1	<i>H. influenzae</i>	ATCC® 49766	0.25-1
		<i>S. pneumoniae</i> (parenteral)	0.5	1	2	<i>S. pneumoniae</i> (oral)	0.25	0.25	<i>S. pneumoniae</i>	ATCC® 49619	0.25-1
		<i>S. pneumoniae</i> (oral)	1	2	4	Viridans group streptococci (iv)	0.5	0.5	<i>N. gonorrhoeae</i>	ATCC® 49226	0.25-1
		FDA ⁴				<i>H. influenzae</i> (iv)	1	2			
		<i>Enterobacterales</i> (injection)	8	-	16	<i>H. influenzae</i> (oral)	0.001	1			
						<i>M. catarrhalis</i> (iv)	4	8			
						<i>M. catarrhalis</i> (oral)	0.001	4			
						<i>C. acnes</i>	0.06	0.06			
				<i>K. kingae</i> (iv)	0.5	0.5					
CEPHALOTHIN 0.016 - 256 µg/mL	KF	Not available				Not available			<i>S. aureus</i>	ATCC® 29213	0.12-0.5
						<i>E. coli</i>	ATCC® 25922	4-16			
						<i>S. pneumoniae</i>	ATCC® 49619	0.5-2			
CHLORAMPHENICOL 0.016 - 256 µg/mL	C	<i>Enterobacterales</i>	8	16	32	<i>Enterobacterales</i>	8(*)	8(*)	<i>S. aureus</i>	ATCC® 29213	2-16
		<i>B. cepacia</i>	8	16	32	<i>Staphylococcus spp.</i>	8	8	<i>E. faecalis</i>	ATCC® 29212	4-16
		<i>S. maltophilia</i>	8	16	32	Streptococcus groups A, B, C and G	8	8	<i>E. coli</i>	ATCC® 25922	2-8
		Other non <i>Enterobacterales</i>	8	16	32	<i>S. pneumoniae</i>	8	8	<i>H. influenzae</i>	ATCC® 49247	0.25-1
		All staphylococci	8	16	32	<i>H. influenzae</i>	2	2	<i>S. pneumoniae</i>	ATCC® 49619	2-8
		<i>Enterococcus spp.</i>	8	16	32	<i>M. catarrhalis</i>	2	2	<i>B. fragilis</i>	ATCC® 25285	4-16
		<i>Haemophilus spp.</i>	2	4	8	<i>N. meningitidis</i>	2	2	<i>B. thetaiotaomicron</i>	ATCC® 29741	8-32
		<i>S. pneumoniae</i>	4	-	8	<i>B. pseudomallei</i>	0.001	8	<i>E. lenta</i>	ATCC® 43055	4-16
		<i>Streptococcus spp. β-Hemolytic Group</i>	4	8	16				<i>H. influenzae</i>	ATCC® 49766	0.25-1
		<i>Streptococcus spp. Viridans Group</i>	4	8	16						
		<i>N. meningitidis</i>	2	4	8						
		Anaerobes	8	16	32						

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²				QUALITY CONTROL			
		S≤	SDD MIC µg/mL	I	R≥	S≤	MIC µg/mL	R>		MIC µg/mL			
CIPROFLOXACIN 0.002 - 32 µg/mL	CIP	<i>Enterobacterales</i> except	0.25	0.5	1	<i>Salmonella</i> spp.	0.06	0.06	<i>S. aureus</i>	ATCC® 29213	0.12-0.5		
		<i>Salmonella</i> spp.				<i>Enterobacterales</i> (indications other than meningitis)	0.25	0.5	<i>E. faecalis</i>	ATCC® 29212	0.25-2		
		<i>Salmonella</i> spp.	0.06		0.12-0.5	1			<i>E. coli</i>	ATCC® 25922	0.004-0.016		
		<i>P. aeruginosa</i>	0.5	1	2	<i>Enterobacterales</i> (meningitis)	0.125	0.125	<i>P. aeruginosa</i>	ATCC® 27853	0.12-1		
		<i>Acinetobacter</i> spp.	1	2	4	<i>Pseudomonas</i> spp.	0.001	0.5	<i>H. influenzae</i>	ATCC® 49247	0.004-0.03		
		Other non <i>Enterobacterales</i>	1	2	4	<i>Acinetobacter</i> spp.	0.001	1	<i>N. gonorrhoeae</i>	ATCC® 49226	0.001-0.008		
		All staphylococci	1	2	4	<i>S. aureus</i>	0.001	2	<i>H. influenzae</i>	ATCC® 49766	0.004-0.016		
		<i>Enterococcus</i> spp.	1	2	4	Coagulase negative staphylococci	0.001	2					
		<i>Haemophilus</i> spp.	1	-	-	<i>Enterococcus</i> spp.	4	4					
		<i>N. gonorrhoeae</i>	0.06	0.12-0.5	1	<i>S. pneumoniae</i>	0.12	2					
		<i>N. meningitidis</i>	0.03	0.06	0.12	<i>H. influenzae</i> (indications other than meningitis)	0.06	0.06					
		EDA ⁴				<i>H. influenzae</i> (meningitis)	0.03	0.03					
		<i>S. pneumoniae</i>	1	2	4	<i>M. catarrhalis</i>	0.125	0.125					
		<i>Streptococcus</i> spp. β-Hemolytic Group	1	2	4	<i>N. gonorrhoeae</i>	0.03	0.06					
						<i>N. meningitidis</i> (all indications, including meningitis and prophylaxis)	0.016	0.016					
						<i>P. multocida</i>	0.06	0.06					
						<i>C. jejuni</i> and <i>coli</i>	0.001	0.5					
						<i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>)	0.001	1					
						<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.001	0.5					
						<i>Aerococcus sanguinicola</i> and <i>urinae</i> (uncomplicated UTI only)	2	2					
						<i>K. kingae</i>	0.06	0.06					
						<i>Aeromonas</i> spp.	0.25	0.5					
						<i>Vibrio</i> spp.	0.25	0.25					
				<i>Bacillus</i> spp. except <i>B. anthracis</i>	0.001	0.5							
				<i>B. anthracis</i>	0.001	0.25							
				<i>B. melitensis</i>	0.001	1							
CLARITHROMYCIN 0.016 - 256 µg/mL	CLR	All staphylococci	2	4	8	<i>Staphylococcus</i> spp.	1	1	<i>S. aureus</i>	ATCC® 29213	0.12-0.5		
		<i>H. influenzae</i>	8	16	32	<i>Streptococcus</i> groups A, B, C and G	0.25	0.25	<i>H. influenzae</i> (-CO ₂)	ATCC® 49247	4-16		
		<i>S. pneumoniae</i>	0.25	0.5	1	<i>S. pneumoniae</i>	0.25	0.25	<i>H. influenzae</i> (+CO ₂)	ATCC® 49247	8-32		
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.25	0.5	1	<i>M. catarrhalis</i>	0.25	0.25	<i>S. pneumoniae</i> (-CO ₂)	ATCC® 49619	0.032-0.125		
		<i>Streptococcus</i> spp. Viridans Group	0.25	0.5	1	<i>H. pylori</i>	0.25	0.25	<i>S. pneumoniae</i> (+CO ₂)	ATCC® 49619	0.064-0.25		
						<i>K. kingae</i>	0.5	0.5					
CLINDAMYCIN 0.016 - 256 µg/mL	CD	All staphylococci	0.5	1-2	4	<i>Staphylococcus</i> spp.	0.25	0.25	<i>S. aureus</i>	ATCC® 29213	0.06-0.25		
		<i>S. pneumoniae</i>	0.25	0.5	1	<i>Streptococcus</i> groups A, B, C and G	0.5	0.5	<i>E. faecalis</i>	ATCC® 29212	4-16		
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.25	0.5	1	<i>S. pneumoniae</i>	0.5	0.5	<i>S. pneumoniae</i> (-CO ₂)	ATCC® 49619	0.032-0.125		
		<i>Streptococcus</i> spp. Viridans Group	0.25	0.5	1	Viridans group streptococci	0.5	0.5	<i>S. pneumoniae</i> (+CO ₂)	ATCC® 49619	0.064-0.25		
		Anaerobes	2	4	8	<i>Bacteroides</i> spp.	(4)	(4)	<i>B. fragilis</i>	ATCC® 25285	0.5-2		
						<i>Prevotella</i> spp.	0.25	0.25	<i>B. fragilis</i> (FAA-HB)	ATCC® 25285	0.5-2		
						<i>F. necrophorum</i>	0.25	0.25	<i>B. thetaiotaomicron</i>	ATCC® 29741	2-8		
						<i>C. perfringens</i>	0.25	0.25	<i>E. lenta</i>	ATCC® 43055	0.06-0.25		
						<i>C. acnes</i>	0.25	0.25					
						<i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>)	0.5	0.5					
						<i>C. diphtheriae</i>	0.5	0.5					
						<i>Bacillus</i> spp.	1	1					
		COLISTIN 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	CS	<i>Enterobacterales</i>	-	2	4	<i>Enterobacterales</i>	(2)	(2)	<i>E. coli</i>	ATCC® 25922	0.25-2 (CLSI)
				<i>P. aeruginosa</i>	-	2	4	<i>Pseudomonas</i> spp.	(4)	(4)	<i>E. coli</i>	ATCC® 25922	0.25-1 (EUCAST)
<i>Acinetobacter</i> spp.	-			2	4	<i>Acinetobacter</i> spp.	(2)	(2)	<i>P. aeruginosa</i>	ATCC® 27853	0.25-2 (CLSI)		
									<i>P. aeruginosa</i>	ATCC® 27853	0.5-2 (EUCAST)		

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL		MIC µg/mL
		S≤	SDD MIC µg/mL	I	R≥	S≤ MIC µg/mL	R>				
DALBAVANCIN 0.002 - 32 µg/mL	DAL	<i>S. aureus</i> only including MRSA	0.25	-	-	<i>Staphylococcus</i> spp. Streptococcus groups A, B, C and G <i>S. anginosus</i> group	0.125	0.125	<i>S. aureus</i> <i>E. faecalis</i> <i>S. pneumoniae</i>	ATCC® 29213	0.03-0.12
		<i>Enterococcus</i> spp.	0.25	-	-		0.125	0.125		ATCC® 29212	0.03-0.12
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.25	-	-		0.125	0.125		ATCC® 49619	0.008-0.03
		<i>Streptococcus</i> spp. Viridans Group	0.25	-	-						
DAPTOMYCIN 0.016 - 256 µg/mL	DAP	All staphylococci	1	-	-	<i>Staphylococcus</i> spp. Streptococcus groups A, B, C and G	1	1	<i>S. aureus</i> <i>E. faecalis</i> <i>S. pneumoniae</i>	ATCC® 29213	0.12-1
		<i>E. faecium</i> only	-	4	8		1	1		ATCC® 29212	1-4
		<i>Enterococcus</i> spp. other than <i>E. faecium</i> .	2	4	8					ATCC® 49619	0.06-0.5
		<i>Streptococcus</i> spp. β-Hemolytic Group	1	-	-						
		<i>Streptococcus</i> spp. Viridans Group	1	-	-						
		FDA ⁴ <i>E. faecalis</i> (including vancomycin-resistant isolates)	2	4	8						
DELAFLXACIN 0.002 - 32 µg/mL	DLX	FDA ⁴ For ABSSSI:				<i>E. coli</i> <i>S. aureus</i> (community-acquired pneumonia) <i>S. aureus</i> (skin and skin structure infections) Streptococcus groups A, B, C and G <i>S. anginosus</i> group	0.125	0.125	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i> <i>H. influenzae</i> <i>S. pneumoniae</i>	ATCC® 29213	0.001-0.008
		<i>S. aureus</i> (methicillin-resistant and methicillin-susceptible isolates)	0.25	0.5	1		0.016	0.016		ATCC® 29212	0.016-0.12
		<i>S. haemolyticus</i>	0.25	0.5	1		0.25	0.25		ATCC® 25922	0.008-0.03
		<i>S. lugdunensis</i>	0.03	-	-		0.03	0.03		ATCC® 27853	0.12-0.5
		<i>S. pyogenes</i>	0.06	-	-		0.03	0.03		ATCC® 49247	0.00025-0.001
		<i>S. agalactiae</i>	0.06	0.12	0.25		0.03	0.03		ATCC® 49619	0.004-0.016
		<i>S. anginus</i> Group	0.06	-	-						
		<i>E. faecalis</i>	0.12	0.25	0.5						
		<i>E. coli</i> , <i>K. pneumoniae</i> , and <i>E. cloacae</i> only	0.25	0.5	1						
		<i>P. aeruginosa</i>	0.5	1	2						
		For CABP:									
		<i>S. pneumoniae</i>	0.03	-	-						
		<i>S. aureus</i> (methicillin-susceptible isolates)	0.12	0.25	0.5						
		<i>H. influenzae</i>	0.004	-	-						
		<i>H. parainfluenzae</i>	0.06	-	-						
		<i>E. coli</i>	0.25	0.5	1						
<i>K. pneumoniae</i>	0.25	0.5	1								
<i>P. aeruginosa</i>	0.5	1	2								
DORIPENEM 0.002 - 32 µg/mL	DOR	<i>Enterobacterales</i>	1	2	4	<i>Enterobacterales</i> <i>Pseudomonas</i> spp. <i>Acinetobacter</i> spp. <i>S. pneumoniae</i> Viridans group streptococci <i>H. influenzae</i> <i>M. catarrhalis</i>	1	2	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i> <i>H. influenzae</i> <i>S. pneumoniae</i> <i>B. fragilis</i> <i>B. thetaiotaomicron</i>	ATCC® 29213	0.016-0.06
		<i>P. aeruginosa</i>	2	4	8		0.001	2		ATCC® 29212	1-4
		<i>Acinetobacter</i> spp.	2	4	8		0.001	2		ATCC® 25922	0.016-0.06
		<i>Staphylococcus</i> spp.	0.5	-	-		1	1		ATCC® 27853	0.12-0.5
		<i>Haemophilus</i> spp.	1	-	-		1	1		ATCC® 49766	0.06-0.25
		<i>S. pneumoniae</i>	1	-	-		1	1		ATCC® 49619	0.03-0.12
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.12	-	-		1	1		ATCC® 25285	0.12-0.5
		<i>Streptococcus</i> spp. Viridans Group	1	-	-		1	1		ATCC® 29741	0.12-1
		Anaerobes	2	4	8						
		FDA ⁴									
		Anaerobes	1	-	-						

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST INTERPRETATIVE CRITERIA ²		QUALITY CONTROL			
							S≤ MIC µg/mL	R>	MIC µg/mL			
DOXYCYCLINE 0.016 - 256 µg/mL	DXT	<i>Enterobacteriales</i>	4		8	16	<i>Staphylococcus</i> spp.	1	1	<i>S. aureus</i>	ATCC® 29213	0.12-0.5
		<i>Acinetobacter</i> spp.	4		8	16	Streptococcus groups A, B, C and G	1	1	<i>E. faecalis</i>	ATCC® 29212	2-8
		Other Non-Enterobacteriales	4		8	16	<i>S. pneumoniae</i>	1	1	<i>E. coli</i>	ATCC® 25922	0.5-2
		All staphylococci	4		8	16	<i>H. influenzae</i>	1	1	<i>S. pneumoniae</i>	ATCC® 49619	0.016-0.12
		<i>Enterococcus</i> spp.	4		8	16	<i>M. catarrhalis</i>	1	1	<i>B. thetaiotaomicron</i>	ATCC® 29741	2-8
		<i>S. pneumoniae</i>	0.25		0.5	1	<i>P. multocida</i>	1	1	<i>E. lenta</i>	ATCC® 43055	2-16
							<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.5	0.5	<i>H. influenzae</i>	ATCC® 49766	0.25-1
							<i>K. kingae</i>	0.5	0.5			
							<i>Vibrio</i> spp.	0.5	0.5			
							<i>B. pseudomallei</i>	0.001	2			
							<i>B. anthracis</i>	0.06	0.06			
					<i>B. melitensis</i>	0.25	0.25					
ERAVACYCLINE 0.002 - 32 µg/mL	ERV	EDA ⁴					<i>E. coli</i>	0.5	0.5	<i>S. aureus</i>	ATCC® 29213	0.016-0.12
		<i>Enterobacteriaceae</i>	0.5		-	-	<i>S. aureus</i>	0.25	0.25	<i>E. faecalis</i>	ATCC® 29212	0.016-0.06
		<i>S. aureus</i>	0.06		-	-	<i>E. faecalis</i>	0.125	0.125	<i>E. coli</i>	ATCC® 25922	0.016-0.12
		<i>E. faecalis</i> and <i>E. faecium</i>	0.06		-	-	<i>E. faecium</i>	0.125	0.125	<i>P. aeruginosa</i>	ATCC® 27853	2-16
		<i>S. anginosus</i> Group	0.06		-	-	Viridans group streptococci	0.125	0.125	<i>H. influenzae</i>	ATCC® 49247	0.06-0.5
		Anaerobes	0.5		-	-				<i>S. pneumoniae</i>	ATCC® 49619	0.004-0.03
								<i>B. fragilis</i>	ATCC® 25285	0.016-0.12		
								<i>B. thetaiotaomicron</i>	ATCC® 29741	0.06-0.25		
								<i>C. difficile</i>	ATCC® 700057	0.016-0.06		
ERTAPENEM 0.002 - 32 µg/mL	ETP	<i>Enterobacteriales</i>	0.5		1	2	<i>Enterobacteriales</i>	0.5	0.5	<i>S. aureus</i>	ATCC® 29213	0.06-0.25
		<i>Staphylococcus</i> spp.	2		4	8	<i>S. pneumoniae</i>	0.5	0.5	<i>E. faecalis</i>	ATCC® 29212	4-16
		<i>Haemophilus</i> spp.	0.5		-	-	Viridans group streptococci	0.5	0.5	<i>E. coli</i>	ATCC® 25922	0.004-0.016
		<i>S. pneumoniae</i>	1		2	4	<i>H. influenzae</i>	0.5	0.5	<i>P. aeruginosa</i>	ATCC® 27853	2-8
		Streptococcus spp. β-Hemolytic Group	1		-	-	<i>M. catarrhalis</i>	0.5	0.5	<i>H. influenzae</i>	ATCC® 49766	0.016-0.06
		Streptococcus spp. Viridans Group	1		-	-	<i>Bacteroides</i> spp.	(2)	(2)	<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.25
		Anaerobes	4		8	16	<i>Prevotella</i> spp.	0.5	0.5	<i>B. fragilis</i>	ATCC® 25285	0.06-0.5
							<i>F. necrophorum</i>	0.06	0.06	<i>B. fragilis</i> (FAA-HB)	ATCC® 25285	0.06-0.25
							<i>C. perfringens</i>	0.5	0.5	<i>B. thetaiotaomicron</i>	ATCC® 29741	0.5-2
							<i>C. acnes</i>	0.25	0.25	<i>E. lenta</i>	ATCC® 43055	0.5-4
ERYTHROMYCIN 0.016 - 256 µg/mL	E	All staphylococci	0.5		1-4	8	<i>Staphylococcus</i> spp.	1	1	<i>S. aureus</i>	ATCC® 29213	0.25-1
		<i>Enterococcus</i> spp.	0.5		1-4	8	Streptococcus groups A, B, C and G	0.25	0.25	<i>E. faecalis</i>	ATCC® 29212	1-4
		<i>S. pneumoniae</i>	0.25		0.5	1	<i>S. pneumoniae</i>	0.25	0.25	<i>S. pneumoniae</i> (-CO ₂)	ATCC® 49619	0.032-0.125
		Streptococcus spp. β-Hemolytic Group	0.25		0.5	1	<i>M. catarrhalis</i>	0.25	0.25	<i>S. pneumoniae</i> (+CO ₂)	ATCC® 49619	0.064-0.25
		Streptococcus spp. Viridans Group	0.25		0.5	1	<i>L. monocytogenes</i> (indications other than meningitis)	1	1			
							<i>C. jejuni</i>	4	4			
					<i>C. coli</i>	8	8					
					<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.06	0.06					
					<i>K. kingae</i>	0.5	0.5					
					<i>Bacillus</i> spp. except <i>B. anthracis</i>	0.5	0.5					
FOSFOMYCIN 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	FOS	<i>Enterobacteriales</i>	64		128	256	<i>E. coli</i> (iv, infections originating from the urinary tract)	8	8	<i>S. aureus</i>	ATCC® 29213	0.5-4
		<i>Enterococcus</i> spp.	64		128	256	<i>E. coli</i> (oral, uncomplicated UTI only)	8	8	<i>E. faecalis</i>	ATCC® 29212	32-128
							<i>Staphylococcus</i> spp (iv)	32	32	<i>E. coli</i>	ATCC® 25922	0.5-2
										<i>P. aeruginosa</i>	ATCC® 27853	2-8
FUSIDIC ACID 0.016 - 256 µg/mL	FU	Not available					<i>Staphylococcus</i> spp.	1	1	<i>S. aureus</i>	ATCC® 29213	0.06-0.25
										<i>S. pneumoniae</i>	ATCC® 49619	4-32

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²	S ≤ R >		QUALITY CONTROL		MIC µg/mL																
		S ≤	SDD MIC µg/mL	I	R ≥		S ≤	R >	MIC µg/mL	MIC µg/mL																	
GATIFLOXACIN 0.002 - 32 µg/mL	GAT	<i>Enterobacteriales</i> except	2		4	8	Not available			<i>S. aureus</i>	ATCC® 29213	0.03-0.12															
		<i>Salmonella</i> spp.								<i>E. faecalis</i>	ATCC® 29212	0.12-1															
		<i>P. aeruginosa</i>	2		4	8				<i>E. coli</i>	ATCC® 25922	0.008-0.03															
		<i>Acinetobacter</i> spp.	2		4	8				<i>P. aeruginosa</i>	ATCC® 27853	0.5-2															
		Other Non-Enterobacteriales	2		4	8				<i>H. influenzae</i>	ATCC® 49247	0.004-0.03															
		All staphylococci	0.5		1	2				<i>S. pneumoniae</i>	ATCC® 49619	0.12-0.5															
		<i>Enterococcus</i> spp.	2		4	8				<i>N. gonorrhoeae</i>	ATCC® 49226	0.002-0.016															
		<i>Haemophilus</i> spp.	1		-	-																					
		<i>N. gonorrhoeae</i>	0.125		0.25	0.5																					
		<i>S. pneumoniae</i>	1		2	4																					
		<i>Streptococcus</i> spp. β-Hemolytic Group	1		2	4																					
		<i>Streptococcus</i> spp. Viridans Group	1		2	4																					
		GEMIFLOXACIN 0.002 - 32 µg/mL	GEM	<i>Enterobacteriales</i>	0.25			0.5	1	Not available			<i>S. aureus</i>	ATCC® 29213	0.008-0.03												
<i>Haemophilus</i> spp.	0.12				-	-			<i>E. faecalis</i>		ATCC® 29212	0.016-0.12															
<i>S. pneumoniae</i>	0.12				0.25	0.5			<i>E. coli</i>		ATCC® 25922	0.004-0.016															
GENTAMICIN 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	CN	<i>Enterobacteriales</i>	2		4	8	<i>Enterobacteriales</i> (systemic infections)	(2)	(2)	<i>S. aureus</i>	ATCC® 29213	0.12-1															
		<i>Acinetobacter</i> spp.	4		8	16		<i>Enterobacteriales</i> (infections originating from the urinary tract)	2	2	<i>E. faecalis</i>	ATCC® 29212	4-16														
		Other Non-Enterobacteriales	4		8	16			<i>Pseudomonas</i> spp.	4	4	<i>E. coli</i>	ATCC® 25922	0.25-1													
		All staphylococci	4		8	16				<i>Acinetobacter</i> spp.	4	4	<i>P. aeruginosa</i>	ATCC® 27853	0.5-2												
		<i>Enterococcus</i> spp. (test for detection of HLAR)	500		-	500					<i>S. aureus</i>	(2)	(2)	<i>N. gonorrhoeae</i>	ATCC® 49226	4-16											
		FDA ⁴										<i>Coagulase-negative staphylococci</i>	(2)	(2)	HLAR												
		<i>Enterobacteriales</i>	4		8	16							<i>Enterococcus</i> spp. (test for high-level gentamicin resistance)	128	128	<i>E. faecalis</i>	ATCC® 29212	≤ 500									
		<i>P. aeruginosa</i>	4		8	16								<i>B. melitensis</i>	(0.5)	(0.5)	<i>E. faecalis</i>	ATCC® 51299	> 500								
IMIPENEM 0.002 - 32 µg/mL 0.016 - 256 µg/mL	IMI	<i>Enterobacteriales</i>	1		2	4	<i>Enterobacteriales</i> (except <i>Morganellaceae</i>)								2	4	<i>S. aureus</i>	ATCC® 29213	0.016-0.06								
		<i>P. aeruginosa</i>	2		4	8		<i>Morganellaceae</i>							0.001	4	<i>E. faecalis</i>	ATCC® 29212	0.5-2								
		<i>Acinetobacter</i> spp.	2		4	8			<i>Pseudomonas</i> spp.						0.001	4	<i>E. coli</i>	ATCC® 25922	0.06-0.5								
		Other Non-Enterobacteriales	4		8	16				<i>Acinetobacter</i> spp.					2	4	<i>P. aeruginosa</i>	ATCC® 27853	1-4								
		<i>Staphylococcus</i> spp.	4		8	16					<i>Enterococcus</i> spp.				0.001	4	<i>K. pneumoniae</i>	ATCC® 700603	0.06-0.5								
		<i>Haemophilus</i> spp.	4		-	-						<i>S. pneumoniae</i>			2	2	<i>K. pneumoniae</i>	ATCC® BAA-1705	4-16								
		<i>S. pneumoniae</i>	0.12		0.25-0.5	1							<i>S. pneumoniae</i>		2	2	<i>K. pneumoniae</i>	ATCC® BAA-2814	16-64								
		Anaerobes	4		8	16								<i>Viridans group streptococci</i>	2	2	<i>H. influenzae</i>	ATCC® 49766	0.25-1								
															<i>H. influenzae</i>	2	2	<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.12							
																<i>M. catarrhalis</i>	2	2	<i>B. fragilis</i>	ATCC® 25285	0.03-0.25						
																	<i>Bacteroides</i> spp.	1	1	<i>B. fragilis</i> (FAA-HB)	ATCC® 25285	0.03-0.125					
																		<i>Prevotella</i> spp.	0.125	0.125	<i>B. thetaiotaomicron</i>	ATCC® 29741	0.25-1				
																			<i>F. necrophorum</i>	0.125	0.125	<i>E. lenta</i>	ATCC® 43055	0.25-2			
																				<i>C. perfringens</i>	0.5	0.5					
																					<i>C. acnes</i>	0.03	0.03				
																						<i>B. pseudomallei</i>	2	2			
																							<i>Bacillus</i> spp. except <i>B. anthracis</i>	0.5	0.5		

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²				QUALITY CONTROL				
		S≤	SDD MIC µg/mL	I	R≥	S≤	SDD MIC µg/mL	R>	MIC µg/mL	MIC µg/mL	MIC µg/mL			
IMIPENEM-RELEBACTAM 0.002/4 - 32/4 µg/mL	I/R	<i>Enterobacteriales</i> except <i>Morganellaceae</i>	1		2	4	<i>Enterobacteriales</i> (except <i>Morganellaceae</i>) <i>P. aeruginosa</i> Viridans group streptococci	2	2	<i>E. coli</i>	ATCC® 25922	0.06-0.5		
		<i>P. aeruginosa</i>	2		4	8		2	2	<i>P. aeruginosa</i>	ATCC® 27853	0.25-1		
		Anaerobes FDA ⁴ <i>A. calcoaceticus-baumannii</i> complex <i>H. influenzae</i>	4		8	16		2	2	<i>S. aureus</i>	ATCC® 29213	0.008-0.03		
								2	2	<i>E. faecalis</i>	ATCC® 29212	0.5-2		
								2	2	<i>E. coli</i>	ATCC® 35218	0.06-0.25		
										<i>K. pneumoniae</i>	ATCC® 700603	0.06-0.5		
										<i>K. pneumoniae</i>	ATCC® BAA-1705	0.03-0.25		
										<i>K. pneumoniae</i>	ATCC® BAA-2814	0.06-0.5		
										<i>H. influenzae</i>	ATCC® 49766	0.25-1		
										<i>S. pneumoniae</i>	ATCC® 49619	0.016-0.12		
										<i>B. fragilis</i>	ATCC® 25285	0.03-0.125		
KANAMYCIN 0.016 - 256 µg/mL	K	<i>Enterobacteriales</i>	16		32	64	Not available			<i>S. aureus</i>	ATCC® 29213	1-4		
		<i>Staphylococcus</i> spp.	16		32	64				<i>E. faecalis</i>	ATCC® 29212	16-64		
										<i>E. coli</i>	ATCC® 25922	1-4		
LEFAMULIN 0.016 - 256 µg/mL	LMU	<i>S. aureus</i> , including MRSA	0.25	-	-	-	<i>S. aureus</i> <i>S. pneumoniae</i>	0.25	0.25	<i>S. aureus</i>	ATCC® 29213	0.06-0.25		
		<i>Haemophilus</i> spp.	2	-	-	-		0.5	0.5	<i>H. influenzae</i>	ATCC® 49247	0.5-2		
		<i>S. pneumoniae</i>	0.5	-	-	-				<i>S. pneumoniae</i>	ATCC® 49619	0.06-0.5		
LEVOFLOXACIN 0.002 - 32 µg/mL	LEV	<i>Enterobacteriales</i> except <i>Salmonella</i> spp.	0.5		1	2	<i>Enterobacteriales</i> <i>Pseudomonas</i> spp. <i>Acinetobacter</i> spp. <i>S. aureus</i> Coagulase-negative staphylococci <i>Enterococcus</i> spp. <i>Streptococcus</i> groups A, B, C and G <i>S. pneumoniae</i> <i>H. influenzae</i> <i>M. catarrhalis</i> <i>H. pylori</i> <i>P. multocida</i> <i>Aerococcus sanguinicola</i> and <i>urinae</i> (uncomplicated UTI only) <i>K. kingae</i> <i>Aeromonas</i> spp. <i>Vibrio</i> spp. <i>Bacillus</i> spp. except <i>B. anthracis</i> <i>B. anthracis</i> <i>B. melitensis</i>	0.5	1	<i>S. aureus</i>	ATCC® 29213	0.06-0.5		
		<i>Salmonella</i> spp.			0.25-1	2		0.001	2	<i>E. faecalis</i>	ATCC® 29212	0.25-2		
		<i>Salmonella</i> spp.	0.12		0.25-1	2		0.5	1	<i>E. coli</i>	ATCC® 25922	0.008-0.06		
		<i>P. aeruginosa</i>	1		2	4		0.001	1	<i>P. aeruginosa</i>	ATCC® 27853	0.5-4		
		<i>Acinetobacter</i> spp.	2		4	8		0.001	1	<i>H. influenzae</i>	ATCC® 49247	0.008-0.03		
		<i>B. cepacia</i>	2		4	8		4	4	<i>S. pneumoniae</i>	ATCC® 49619	0.5-2		
		<i>S. maltophilia</i>	2		4	8		0.001	2	<i>H. influenzae</i>	ATCC® 49766	0.008-0.03		
		Other Non-Enterobacteriales	2		4	8		0.001	2					
		All staphylococci	1		2	4		0.06	0.06					
		<i>Enterococcus</i> spp.	2		4	8		0.12	0.12					
		<i>Haemophilus</i> spp.	2		-	-		1	1					
		<i>S. pneumoniae</i>	2		4	8		0.06	0.06					
		<i>Streptococcus</i> spp. β-Hemolytic Group	2		4	8		2	2					
		<i>Streptococcus</i> spp. Viridans Group	2		4	8		0.125	0.125					
		<i>N. meningitidis</i>	0.03		0.06	0.12		0.5	1					
		FDA ⁴						0.25	0.25					
		<i>S. aureus</i> (methicillin-susceptible)	2		4	8		0.001	1					
								0.001	0.5					
								0.001	1					
		LINEZOLID 0.016 - 256 µg/mL	LNZ	All staphylococci	4	-		8	8	4	4	<i>S. aureus</i>	ATCC® 29213	1-4
				<i>Enterococcus</i> spp.	2			4	8	4	4	<i>E. faecalis</i>	ATCC® 29212	1-4
				<i>S. pneumoniae</i>	2			-	-	2	2	<i>S. pneumoniae</i>	ATCC® 49619	0.25-2
<i>Streptococcus</i> spp. β-Hemolytic Group	2				-	-	2	2	<i>S. aureus</i>	ATCC® 25923	1-4			
<i>Streptococcus</i> spp. Viridans Group	2				-	-	2	2	<i>B. fragilis</i>	ATCC® 25285	2-8			
<i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>)	2				-	-	2	2	<i>B. thetaiotaomicron</i>	ATCC® 29741	2-8			
<i>C. diphtheriae</i> and <i>C. ulcerans</i>	2				-	-	2	2	<i>E. lenta</i>	ATCC® 43055	0.5-2			
<i>Bacillus</i> spp.	2		-	-	2	2								
MECILLINAM 0.016 - 256 µg/mL	MEC	<i>Enterobacteriales</i>	8		16	32	<i>E. coli</i> , <i>Citrobacter</i> spp., <i>Klebsiella</i> spp., <i>Raoultella</i> spp., <i>Enterobacter</i> spp. and <i>P. mirabilis</i>	8	8	<i>E. coli</i>	ATCC® 25922	0.03-0.25		

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL		MIC µg/mL	
		S≤	SDD MIC µg/mL	I	R≥	S≤	R>	MIC µg/mL				
MEROPENEM 0.002 - 32 µg/mL 0.016 - 256 µg/mL	MRP	<i>Enterobacterales</i>	1		2	4	<i>Enterobacterales</i> (other than meningitis)	2	8	<i>S. aureus</i>	ATCC® 29213	0.03-0.12
		<i>P. aeruginosa</i>	2		4	8	<i>Enterobacterales</i> (meningitis)	2	2	<i>E. faecalis</i>	ATCC® 29212	2-8
		<i>Acinetobacter</i> spp.	2		4	8	<i>P. aeruginosa</i> (other than meningitis)	2	8	<i>E. coli</i>	ATCC® 25922	0.008-0.06
		<i>B. cepacia</i>	4		8	16	<i>Pseudomonas</i> other than <i>P. aeruginosa</i> (other than meningitis)	2	8	<i>P. aeruginosa</i>	ATCC® 27853	0.12-1
		Other Non-Enterobacterales	4		8	16	<i>Acinetobacter</i> spp. (meningitis)	2	2	<i>E. coli</i>	ATCC® 35218	0.008-0.06
		<i>Staphylococcus</i> spp.	4		8	16	<i>Acinetobacter</i> spp. (other than meningitis)	2	8	<i>E. coli</i>	NCTC 13353	0.016-0.06
		<i>Haemophilus</i> spp.	0.5		-	-	<i>S. pneumoniae</i> (meningitis)	2	2	<i>K. pneumoniae</i>	ATCC® BAA-1705	8-64
		<i>S. pneumoniae</i>	0.25		0.5	1	<i>Acinetobacter</i> spp. (meningitis)	2	8	<i>K. pneumoniae</i>	ATCC® BAA-2814	32-256
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.5		-	-	<i>S. pneumoniae</i> (indications other than meningitis)	2	2	<i>A. baumannii</i>	NCTC 13304	32-128
		<i>Streptococcus</i> spp. Viridans Group	0.5		-	-	<i>S. pneumoniae</i> (meningitis)	0.25	0.25	<i>H. influenzae</i>	ATCC® 49766	0.03-0.12
		<i>N. meningitidis</i>	0.25		-	-	Viridans group streptococci	2	2	<i>S. pneumoniae</i>	ATCC® 49619	0.03-0.25
		Anaerobes	4		8	16	<i>H. influenzae</i> (indications other than meningitis)	2	2	<i>B. fragilis</i>	ATCC® 25285	0.03-0.25
							<i>H. influenzae</i> (meningitis)	0.25	0.25	<i>B. fragilis</i> (FAA-HB)	ATCC® 25285	0.03-0.25
							<i>M. catarrhalis</i>	2	2	<i>B. thetaiotaomicron</i>	ATCC® 29741	0.06-0.5
							<i>N. meningitidis</i> (all indications)	0.25	0.25	<i>E. lenta</i>	ATCC® 43055	0.125-1
							<i>Bacteroides</i> spp.	1	1			
							<i>Prevotella</i> spp.	0.25	0.25			
							<i>F. necrophorum</i>	0.03	0.03			
							<i>C. perfringens</i>	0.12	0.12			
							<i>C. acnes</i>	0.12	0.12			
					<i>L. monocytogenes</i> (all indications)	0.25	0.25					
					<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.25	0.25					
					<i>Aerococcus sanguinicola</i> and <i>urinae</i>	0.25	0.25					
					<i>K. kingae</i>	0.03	0.03					
					<i>Vibrio</i> spp.	0.5	0.5					
					<i>B. pseudomallei</i>	2	2					
					<i>A. xylosoxidans</i>	1	4					
					<i>Bacillus</i> spp. except <i>B. anthracis</i>	0.25	0.25					
MEROPENEM-VABORBACTAM 0.016/8 - 256/8 µg/mL	M/V	<i>Enterobacterales</i>	4		8	16	<i>Enterobacterales</i>	8	8	<i>S. aureus</i>	ATCC® 29213	0.03-0.12
										<i>E. coli</i>	ATCC® 25922	0.008-0.06
										<i>P. aeruginosa</i>	ATCC® 27853	0.12-1
										<i>E. coli</i>	ATCC® 35218	0.008-0.06
										<i>K. pneumoniae</i>	ATCC® 700603	0.016-0.06
										<i>K. pneumoniae</i>	ATCC® BAA-1705	0.008-0.06
										<i>K. pneumoniae</i>	ATCC® BAA-2814	0.12-0.5
METRONIDAZOLE 0.016 - 256 µg/mL	MTZ	Anaerobes	8		16	32	<i>Bacteroides</i> spp.	4	4	<i>B. fragilis</i>	ATCC® 25285	0.25-2
							<i>Prevotella</i> spp.	4	4	<i>B. fragilis</i> (FAA-HB)	ATCC® 25285	0.25-1
							<i>F. necrophorum</i>	0.5	0.5	<i>B. thetaiotaomicron</i>	ATCC® 29741	0.5-4
							<i>C. perfringens</i>	4	4	<i>E. lenta</i>	ATCC® 43055	0.125-0.5
							<i>C. difficile</i>	2	2			
							<i>H. pylori</i>	8	8			
MINOCYCLINE 0.016 - 256 µg/mL	MN	<i>Enterobacterales</i>	4		8	16	<i>Staphylococcus</i> spp.	0.5	0.5	<i>S. aureus</i>	ATCC® 29213	0.06-0.5
		<i>Acinetobacter</i> spp.	4		8	16	<i>Streptococcus</i> groups A, B, C and G	0.5	0.5	<i>E. faecalis</i>	ATCC® 29212	1-4
		<i>B. cepacia</i>	4		8	16	<i>S. pneumoniae</i>	0.5	0.5	<i>E. coli</i>	ATCC® 25922	0.25-1
		<i>S. maltophilia</i>	1		2	4	<i>H. influenzae</i>	1	1	<i>H. influenzae</i>	ATCC® 49766	0.125-0.5
		Other Non-Enterobacterales	4		8	16	<i>M. catarrhalis</i>	1	1			
		All staphylococci	4		8	16	<i>N. gonorrhoeae</i>	0.5	1			
		<i>Enterococcus</i> spp.	4		8	16	<i>N. meningitidis</i> (prophylaxis only)	1	1			
		<i>N. meningitidis</i>	2		-	-						

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST			QUALITY CONTROL		
							INTERPRETATIVE CRITERIA ²			S≤	R>	MIC µg/mL
MOXIFLOXACIN 0.002 - 32 µg/mL	MXF	All staphylococci <i>Haemophilus</i> spp. <i>S. pneumoniae</i> Anaerobes EDA ⁴ <i>Enterobacterales</i> <i>E. faecalis</i>	0.5 1 1 2 2 1		1 - 2 4 4 2	2 - 4 8 8 4	<i>Enterobacterales</i> , except <i>M. morgani</i> , <i>Proteus</i> spp. and <i>Serratia</i> spp. <i>S. aureus</i> Coagulase-negative staphylococci <i>Streptococcus</i> groups A, B, C and G <i>S. pneumoniae</i> <i>H. influenzae</i> <i>M. catarrhalis</i> <i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>)	0.25 0.25 0.25 0.5 0.5 0.125 0.25 0.5	0.25 0.25 0.25 0.5 0.5 0.125 0.25 0.5	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i> <i>H. influenzae</i> <i>S. pneumoniae</i> <i>N. gonorrhoeae</i> <i>B. fragilis</i> <i>B. thetaiotaomicron</i> <i>E. lenta</i> <i>H. influenzae</i>	ATCC® 29213 ATCC® 29212 ATCC® 25922 ATCC® 27853 ATCC® 49247 ATCC® 49619 ATCC® 49226 ATCC® 25285 ATCC® 29741 ATCC® 43055 ATCC® 49766	0.016-0.12 0.06-0.5 0.008-0.06 1-8 0.008-0.03 0.06-0.25 0.008-0.03 0.12-0.5 1-8 0.12-0.5 0.008-0.03
MUPIROCI 0.064 - 1024 µg/mL	MUP	<i>S. aureus</i> (test for detection of HLMR)	256		-	256	<i>Staphylococcus</i> spp.	1	256	<i>S. aureus</i> (mupA negative) <i>E. faecalis</i> (mupA negative) <i>S. aureus</i> (mupA positive)	ATCC® 29213 ATCC® 29212 ATCC® BAA 1708	0.06-0.25 16-128 > 256
NALIDIXIC ACID 0.016 - 256 µg/mL	NA	<i>Enterobacterales</i> except <i>Salmonella</i> spp.	16		-	32	Not available			<i>E. coli</i>	ATCC® 25922	1-4
NETILMICIN 0.016 - 256 µg/mL	NET	<i>Enterobacterales</i> <i>P. aeruginosa</i> <i>Acinetobacter</i> spp. Other Non-Enterobacterales <i>Staphylococcus</i> spp.	8 8 8 8 8		16 16 16 16 16	32 32 32 32 32	Not available			<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i>	ATCC® 29213 ATCC® 29212 ATCC® 25922 ATCC® 27853	≤ 0.25 4-16 ≤ 0.5-1 0.5-8
NITROFURANTOIN 0.032 - 512 µg/mL	F	<i>Enterobacterales</i> All staphylococci <i>Enterococcus</i> spp.	32 32 32		64 64 64	128 128 128	<i>E. coli</i> (uncomplicated UTI only) <i>S. saprophyticus</i> (uncomplicated UTI only) <i>E. faecalis</i> (uncomplicated UTI only) <i>S. agalactiae</i> (uncomplicated UTI only) <i>Aerococcus sanguinicola</i> and <i>urinae</i> (uncomplicated UTI only)	64 64 64 64 16	64 64 64 64 16	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>S. pneumoniae</i>	ATCC® 29213 ATCC® 29212 ATCC® 25922 ATCC® 49619	8-32 4-16 4-16 4-16
NORFLOXACIN 0.016 - 256 µg/mL	NOR	For urinary tract isolates only: <i>Enterobacterales</i> <i>P. aeruginosa</i> Other Non-Enterobacterales All staphylococci <i>Enterococcus</i> spp.	4 4 4 4 4		8 8 8 8 8	16 16 16 16 16	<i>Enterobacterales</i>	0.5	0.5	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i> <i>S. pneumoniae</i>	ATCC® 29213 ATCC® 29212 ATCC® 25922 ATCC® 27853 ATCC® 49619	0.5-2 2-8 0.03-0.12 1-4 2-8
OFLOXACIN 0.002 - 32 µg/mL	OFX	<i>Enterobacterales</i> except <i>Salmonella</i> spp. <i>Salmonella</i> spp. <i>P. aeruginosa</i> Other Non-Enterobacterales All staphylococci <i>Haemophilus</i> spp. <i>S. pneumoniae</i> <i>Streptococcus</i> spp. β-Hemolytic Group <i>Streptococcus</i> spp. Viridans Group EDA ⁴ <i>S. aureus</i> (methicillin susceptible) <i>N. gonorrhoeae</i>	2 0.12 2 2 1 2 2 2 2 2		4 0.25-1 4 4 2 - 4 4 4 4	8 2 8 8 4 - 8 8 8 8	<i>Enterobacterales</i> <i>S. aureus</i> Coagulase negative staphylococci <i>S. pneumoniae</i> <i>H. influenzae</i> <i>M. catarrhalis</i> <i>N. gonorrhoeae</i>	0.25 0.001 0.001 0.12 0.06 0.25 0.12	0.5 1 1 4 0.06 0.25 0.25	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i> <i>H. influenzae</i> <i>S. pneumoniae</i> <i>N. gonorrhoeae</i> <i>H. influenzae</i>	ATCC® 29213 ATCC® 29212 ATCC® 25922 ATCC® 27853 ATCC® 49247 ATCC® 49619 ATCC® 49226 ATCC® 49766	0.12-1 1-4 0.016-0.12 1-8 0.016-0.06 1-4 0.004-0.016 0.016-0.06

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL			
		S≤	SDD MIC µg/mL	I	R≥	S≤ MIC µg/mL	R>	MIC µg/mL				
OMADACYCLINE 0.002 - 32 µg/mL	OMC	FDA ⁴ For ABSSSI				Not available			<i>E. coli</i> <i>S. aureus</i> <i>E. faecalis</i> <i>H. influenzae</i> <i>S. pneumoniae</i> <i>B. fragilis</i> <i>B. thetaiotaomicron</i> <i>C. difficile</i> <i>E. lenta</i>	ATCC® 25922 ATCC® 29213 ATCC® 29212 ATCC® 49247 ATCC® 49619 ATCC® 25285 ATCC® 29741 ATCC® 700057 ATCC® 43055	0.25-2 0.12-1 0.06-0.5 0.5-2 0.016-0.12 0.12-1 0.25-1 0.06-0.25 0.06-0.5	
		Enterobacteriaceae	4		8	16						
		<i>S. aureus</i> including MRSA	0.5		1	2						
		<i>S. lugdunensis</i>	0.12		0.25	0.5						
		<i>E. faecalis</i>	0.25		0.5	1						
		<i>S. anginosus</i> group	0.12		0.25	0.5						
		<i>S. pyogenes</i>	0.12		0.25	0.5						
		For CABP										
		Enterobacteriaceae	4		8	16						
		<i>S. aureus</i> including MRSA	0.25		0.5	1						
		<i>Haemophilus</i> spp.	2		4	8						
		<i>S. pneumoniae</i>	0.12		0.25	0.5						
OXACILLIN 0.016 - 256 µg/mL	OX	<i>S. aureus</i> and <i>S. lugdunensis</i>	2		-	4	Staphylococcus spp. (screen only)	(*)	(*)	<i>S. aureus</i> <i>E. faecalis</i>	ATCC® 29213 ATCC® 29212	0.12-0.5 8-32
		<i>S. epidermidis</i>	0.5		-	1						
		<i>S. pseudintermedius</i> and <i>S. schleiferi</i>	0.5		-	1						
		Staphylococcus spp. except <i>S. aureus</i> , <i>S. lugdunensis</i> , <i>S. epidermidis</i> , <i>S. pseudintermedius</i> , <i>S. schleiferi</i>	0.5			1						
PENICILLIN G 0.002 - 32 µg/mL 0.016 - 256 µg/mL	P	All staphylococci	0.12		-	0.25	<i>S. aureus</i>	0.12	0.12	<i>S. aureus</i> <i>E. faecalis</i> <i>S. pneumoniae</i> <i>N. gonorrhoeae</i> <i>B. fragilis</i> <i>B. thetaiotaomicron</i>	ATCC® 29213 ATCC® 29212 ATCC® 49619 ATCC® 49226 ATCC® 25285 ATCC® 29741	0.25-2 1-4 0.25-1 0.25-1 8-32 8-32
		<i>Enterococcus</i> spp.	8		-	16	<i>S. lugdunensis</i>	0.12	0.12			
		<i>N. gonorrhoeae</i>	0.06		0.12-1	2	Streptococcus groups A, B, C and G (other than meningitis)	0.25	0.25			
		<i>S. pneumoniae</i> parenteral (nonmeningitis)	2		4	8	<i>S. agalactiae</i> group B streptococci (meningitis)	0.12	0.12			
		<i>S. pneumoniae</i> parenteral (meningitis)	0.06		-	0.12	<i>S. pneumoniae</i> (infections other than meningitis)	0.06	2			
		<i>S. pneumoniae</i> oral	0.06		0.12-1	2	<i>S. pneumoniae</i> (meningitis)	0.06	0.06			
		Streptococcus spp. β-Hemolytic Group	0.12		-	-	Viridans group streptococci	0.25	2			
		Streptococcus spp. Viridans Group	0.12		0.25-2	4	<i>N. gonorrhoeae</i>	0.06	1			
		<i>N. meningitidis</i>	0.06		0.12-0.2	0.5	<i>N. meningitidis</i> (all indications)	0.25	0.25			
		Anaerobes	0.5		1	2	<i>Prevotella</i> spp.	0.5	0.5			
							<i>F. necrophorum</i>	0.06	0.06			
							<i>C. perfringens</i>	0.5	0.5			
							<i>C. acnes</i>	0.06	0.06			
							<i>Corynebacterium</i> spp. other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.001	1			
							<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.001	1			
							<i>Aerococcus sanguinicola</i> and <i>urinae</i>	0.12	0.12			
					<i>K. kingae</i>	0.03	0.03					
					<i>L. monocytogenes</i> (other than meningitis)	1	1					
					<i>P. multocida</i>	0.5	0.5					
					<i>B. anthracis</i>	0.001	0.5					
PIPERACILLIN 0.016 - 256 µg/mL	PIP	Enterobacterales	8	16	-	32	Enterobacterales	8	8	<i>S. aureus</i> <i>E. faecalis</i> <i>E. coli</i> <i>P. aeruginosa</i> <i>E. coli</i> <i>B. fragilis</i> <i>B. thetaiotaomicron</i> <i>E. lenta</i>	ATCC® 29213 ATCC® 29212 ATCC® 25922 ATCC® 27853 ATCC® 35218 ATCC® 25285 ATCC® 29741 ATCC® 43055	1-4 1-4 1-4 1-8 > 64 4-16 8-64 8-32
		<i>P. aeruginosa</i>	16		32	64	<i>Pseudomonas</i> spp.	0.001	16			
		<i>Acinetobacter</i> spp.	16		32-64	128						
		Other Non-Enterobacterales	16		32-64	128						
		Anaerobes	32		64	128						

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST INTERPRETATIVE CRITERIA ²	S≤	R>	QUALITY CONTROL		MIC µg/mL
PIPERACILLIN-TAZOBACTAM 0.016/4 - 256/4 µg/mL	TZP	<i>Enterobacterales</i>	8	16	-	32	<i>Enterobacterales</i> <i>Pseudomonas</i> spp.	8	8	<i>E. coli</i>	ATCC® 25922	1-8
		<i>P. aeruginosa</i>	16		32	64		0.001	16	<i>P. aeruginosa</i>	ATCC® 27853	1-8
PIPERACILLIN-TAZOBACTAM 0.064/4 - 1024/4 µg/mL	TZP	<i>Acinetobacter</i> spp.	16		32-64	128	<i>H. influenzae</i> <i>Bacteroides</i> spp. <i>Prevotella</i> spp. <i>F. necrophorum</i> <i>C. perfringens</i> <i>C. acnes</i>	0.25	0.25	<i>H. influenzae</i>	ATCC® 49247	0.06-0.5
		<i>Enterobacterales</i>	8		16	32		2	2	<i>B. fragilis</i>	ATCC® 25285	0.12-0.5
PLAZOMICIN 0.016 - 256 µg/mL	PLZ	<i>P. aeruginosa</i>	8	16	-	32	Not available	0.5	0.5	<i>B. fragilis</i> (FAA-HB)	ATCC® 25285	0.125-0.5
		<i>Enterobacteriaceae</i>	2		4	8		0.5	0.5	<i>B. thetaiotaomicron</i>	ATCC® 29741	4-16
POLYMYXIN B 0.064 - 1024 µg/mL	PB	<i>Enterobacterales</i>	-		2	4	Not available	0.5	0.5	<i>E. lenta</i>	ATCC® 43055	4-16
		<i>P. aeruginosa</i>	-		2	4		0.25	0.25	<i>S. aureus</i>	ATCC® 29213	0.25-2
QUINUPRISTIN-DALFOPRISTIN 0.002 - 32 µg/mL	QDA	<i>Acinetobacter</i> spp.	-		2	4	<i>Staphylococcus</i> spp. <i>E. faecium</i>	1	1	<i>E. coli</i>	ATCC® 25922	0.25-2
		<i>S. aureus</i>	1		2	4		1	1	<i>P. aeruginosa</i>	ATCC® 27853	0.5-2
RIFAMPICIN 0.016 - 256 µg/mL	RD	<i>Enterococcus</i> spp.	1		2	4	<i>S. aureus</i> Coagulase-negative staphylococci <i>Streptococcus</i> groups A, B, C and G <i>S. pneumoniae</i> <i>H. influenzae</i> <i>N. meningitidis</i> (prophylaxis only) <i>H. pylori</i> <i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>) <i>C. diphtheriae</i> and <i>C. ulcerans</i> <i>Aerococcus sanguinicola</i> and <i>urinae</i> <i>K. kingae</i> <i>B. anthracis</i> <i>B. melitensis</i>	0.06	0.06	<i>S. aureus</i>	ATCC® 29213	0.004-0.016
		<i>S. pneumoniae</i>	1		2	4		0.06	0.06	<i>E. faecalis</i>	ATCC® 29212	0.5-4
SOLITHROMYCIN 0.002 - 32 µg/mL	SOL	<i>Streptococcus</i> spp. β-Hemolytic Group	1		2	4	Not available	0.125	0.125	<i>H. influenzae</i>	ATCC® 49247	0.25-1
		<i>Streptococcus</i> spp. Viridans Group	1		2	4		0.25	0.25	<i>S. pneumoniae</i>	ATCC® 49619	0.016-0.06
SPECTINOMYCIN 0.064 - 1024 µg/mL	SPC	All staphylococci	1		2	4	<i>N. gonorrhoeae</i>	0.06	0.06	<i>N. gonorrhoeae</i>	ATCC® 49226	0.03-0.12
		<i>Enterococcus</i> spp.	1		2	4		0.12	0.12	<i>E. faecalis</i>	ATCC® 29212	0.016-0.06
STREPTOMYCIN 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	S	<i>Haemophilus</i> spp.	1		2	4	Not available	0.06	0.06	<i>H. influenzae</i>	ATCC® 49247	1-4
		<i>S. pneumoniae</i>	1		2	4		0.5	0.5	<i>S. pneumoniae</i>	ATCC® 49619	0.004-0.016
SULBACTAM 0.016 - 256 µg/mL	SUL	<i>N. meningitidis</i>	0.5		1	2	Not available	(1)	(1)	<i>N. gonorrhoeae</i>	ATCC® 49226	0.03-0.25
								(2)	(2)	<i>H. influenzae</i>	ATCC® 49766	0.25-1
SULBACTAM 0.016 - 256 µg/mL	SUL	Not available					Not available			<i>S. aureus</i>	ATCC® 29213	0.03-0.12
										<i>E. faecalis</i>	ATCC® 29212	0.016-0.06
SULBACTAM 0.016 - 256 µg/mL	SUL	Not available					Not available			<i>H. influenzae</i>	ATCC® 49247	1-4
										<i>S. pneumoniae</i>	ATCC® 49619	0.004-0.016
SULBACTAM 0.016 - 256 µg/mL	SUL	Not available					Not available			<i>N. gonorrhoeae</i>	ATCC® 49226	0.03-0.25
										<i>E. coli</i>	ATCC® 25922	16-64
SULBACTAM 0.016 - 256 µg/mL	SUL	Not available					Not available			<i>K. pneumoniae</i>	ATCC® 700603	32-128
										<i>A. baumannii</i>	NCTC 13304	16-64

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹	S≤	SDD MIC µg/mL	I	R≥	EUCAST INTERPRETATIVE CRITERIA ²	S≤	R>	QUALITY CONTROL		
										MIC µg/mL	MIC µg/mL	
TEDIZOLID 0.002 - 32 µg/mL	TZD	<i>S. aureus</i> only including MRSA	0.5		1	2	<i>Staphylococcus</i> spp.	0.5	0.5	<i>S. aureus</i>	ATCC® 29213	0.12-1
		<i>E. faecalis</i>	0.5		-	-	<i>Streptococcus</i> groups A, B, C and G	0.5	0.5	<i>E. faecalis</i>	ATCC® 29212	0.25-1
		<i>S. pyogenes</i> and <i>S. agalactiae</i>	0.5		-	-	<i>S. anginosus</i> group	0.5	0.5	<i>S. aureus</i>	ATCC® 25923	0.12-0.5
		<i>S. anginosus</i> Group	0.25		-	-				<i>S. pneumoniae</i>	ATCC® 49619	0.12-0.5
TEICoplanin 0.016 - 256 µg/mL	TEC	All staphylococci	8		16	32	<i>S. aureus</i>	2	2	<i>S. aureus</i>	ATCC® 29213	0.25-1
		<i>Enterococcus</i> spp.	8		16	32	Coagulase-negative staphylococci	4	4	<i>E. faecalis</i>	ATCC® 29212	0.25-1
							<i>Enterococcus</i> spp.	2	2			
							<i>Streptococcus</i> groups A, B, C and G	2	2			
							<i>S. pneumoniae</i>	2	2			
							Viridans group streptococci	2	2			
TELAVANCIN 0.002 - 32 µg/mL 0.016 - 256 µg/mL	TLV	<i>S. aureus</i> only including MRSA	0.12		-	-	Methicillin-resistant <i>S. aureus</i>	0.125	0.125	<i>S. aureus</i>	ATCC® 29213	0.03-0.12
		Vancomycin-susceptible <i>E. faecalis</i>	0.25		-	-				<i>E. faecalis</i>	ATCC® 29212	0.03-0.12
		<i>Streptococcus</i> spp. β-Hemolytic Group	0.12		-	-				<i>S. pneumoniae</i>	ATCC® 49619	0.004-0.016
		<i>Streptococcus</i> spp. Viridans Group	0.06		-	-						
TEMOCILLIN 0.064 - 1024 µg/mL	TMO	Not available					<i>Enterobacteriales</i> [<i>E. coli</i> , <i>Klebsiella</i> spp. (except <i>K. aerogenes</i>), <i>P. mirabilis</i> only]	0.001	16	<i>E. coli</i>	ATCC® 25922	8-32
TETRACYCLINE 0.016 - 256 µg/mL	TE	<i>Enterobacteriales</i>	4		8	16	<i>Staphylococcus</i> spp.	1	1	<i>S. aureus</i>	ATCC® 29213	0.12-1
		<i>Acinetobacter</i> spp.	4		8	16	<i>Streptococcus</i> groups A, B, C and G	1	1	<i>E. faecalis</i>	ATCC® 29212	8-32
		Other Non-Enterobacteriales	4		8	16	<i>S. pneumoniae</i>	1	1	<i>E. coli</i>	ATCC® 25922	0.5-2
		All staphylococci	4		8	16	<i>H. influenzae</i>	2	2	<i>P. aeruginosa</i>	ATCC® 27853	8-32
		<i>Enterococcus</i> spp.	4		8	16	<i>M. catarrhalis</i>	2	2	<i>H. influenzae</i>	ATCC® 49247	4-32
		<i>Haemophilus</i> spp.	2		4	8	<i>N. gonorrhoeae</i>	0.5	0.5	<i>S. pneumoniae</i>	ATCC® 49619	0.06-0.5
		<i>N. gonorrhoeae</i>	0.25		0.5-1	2	<i>N. meningitidis</i> (screen only)	2	2	<i>N. gonorrhoeae</i>	ATCC® 49226	0.25-1
		<i>S. pneumoniae</i>	1		2	4	<i>H. pylori</i>	1	1	<i>B. fragilis</i>	ATCC® 25285	0.125-0.5
		<i>Streptococcus</i> spp. β-Hemolytic Group	2		4	8	<i>C. jejuni</i> and <i>coli</i>	2	2	<i>B. thetaiotaomicron</i>	ATCC® 29741	8-32
		<i>Streptococcus</i> spp. Viridans Group	2		4	8	<i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>)	2	2	<i>H. influenzae</i>	ATCC® 49766	0.25-1
		Anaerobes	4		8	16	<i>C. diphtheriae</i> and <i>C. ulcerans</i>	1	1			
							<i>K. kingae</i>	0.5	0.5			
							<i>B. anthracis</i>	0.125	0.125			
							<i>B. melitensis</i>	0.5	0.5			
TICARCILLIN 0.016 - 256 µg/mL	TC	Not available				Not available				<i>S. aureus</i>	ATCC® 29213	2-8
										<i>E. faecalis</i>	ATCC® 29212	16-64
										<i>E. coli</i>	ATCC® 25922	4-16
										<i>P. aeruginosa</i>	ATCC® 27853	8-32
										<i>E. coli</i>	ATCC® 35218	> 128
										<i>K. pneumoniae</i>	ATCC® 700603	> 256
TICARCILLIN-CLAVULANIC ACID 0.016/2 - 256/2 µg/mL	TTC	<i>Enterobacteriales</i>	16		32-64	128	<i>Enterobacteriales</i>	8	16	<i>S. aureus</i>	ATCC® 29213	0.5-2
		<i>P. aeruginosa</i>	16		32-64	128	<i>Pseudomonas</i> spp.	0.001	16	<i>E. faecalis</i>	ATCC® 29212	16-64
		<i>Acinetobacter</i> spp.	16		32-64	128	PK/PD (Non-species related) breakpoints	8	16	<i>E. coli</i>	ATCC® 25922	4-16
		<i>B. cepacia</i>	16		32-64	128				<i>P. aeruginosa</i>	ATCC® 27853	8-32
		<i>S. maltophilia</i>	16		32-64	128				<i>E. coli</i>	ATCC® 35218	8-32
		Other Non-Enterobacteriales	16		32-64	128				<i>K. pneumoniae</i>	ATCC® 700603	32-128
		Anaerobes	32		64	128				<i>B. fragilis</i>	ATCC® 25285	0.06-0.5
										<i>B. thetaiotaomicron</i>	ATCC® 29741	0.5-2
								<i>E. lenta</i>	ATCC® 43055	8-32		

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹				EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL			
		S≤	SDD MIC µg/mL	I	R≥	S≤	R>	MIC µg/mL	MIC µg/mL			
TIGECYCLINE 0.016 - 256 µg/mL	TGC	EDA ⁴				<i>E. coli</i> , <i>C. koseri</i>	0.5	0.5	<i>S. aureus</i>	ATCC® 29213	0.03-0.25	
		<i>S. aureus</i> (including methicillin-resistant isolates)	0.5	-	-	<i>Staphylococcus</i> spp.	0.5	0.5	<i>E. faecalis</i>	ATCC® 29212	0.03-0.12	
		<i>Streptococcus</i> spp other than <i>S. pneumoniae</i>	0.25	-	-	<i>E. faecalis</i>	0.25	0.25	<i>E. coli</i>	ATCC® 25922	0.03-0.25	
		<i>S. pneumoniae</i>	0.06	-	-	<i>E. faecium</i>	0.25	0.25	<i>H. influenzae</i>	ATCC® 49247	0.06-0.5	
		<i>E. faecalis</i> (vancomycin-susceptible isolates)	0.25	-	-	<i>Streptococcus</i> groups A, B, C and G	0.125	0.125	<i>S. pneumoniae</i>	ATCC® 49619	0.016-0.12	
		<i>Enterobacterales</i>	2	4	8				<i>B. fragilis</i>	ATCC® 25285	0.06-0.5	
		<i>H. influenzae</i>	0.25	-	-				<i>B. thetaiotaomicron</i>	ATCC® 29741	0.25-1	
		Anaerobes	4	8	16				<i>C. difficile</i>	ATCC® 700057	0.03-0.12	
TOBRAMYCIN 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	TOB	<i>Enterobacterales</i>	2	4	8	<i>Enterobacterales</i> (systemic infections)	(2)	(2)	<i>S. aureus</i>	ATCC® 29213	0.12-1	
		<i>P. aeruginosa</i>	1	2	4	<i>Enterobacterales</i> (infections originating from the urinary tract)	2	2	<i>E. faecalis</i>	ATCC® 29212	8-32	
		<i>Acinetobacter</i> spp.	4	8	16	<i>Pseudomonas</i> spp.	2	2	<i>E. coli</i>	ATCC® 25922	0.25-1	
		Other Non-Enterobacterales	4	8	16	<i>Acinetobacter</i> spp.	4	4	<i>P. aeruginosa</i>	ATCC® 27853	0.25-1	
		EDA ⁴				<i>S. aureus</i>	(2)	(2)				
		<i>Enterobacterales</i>	4	8	16	Coagulase-negative staphylococci	(2)	(2)				
		<i>P. aeruginosa</i> <i>S. aureus</i>	4 4	8 8	16 16							
TRIMETHOPRIM 0.002 - 32 µg/mL	TM	<i>Enterobacterales</i>	8	-	16	<i>Enterobacterales</i> (uncomplicated UTI only)	4	4	<i>S. aureus</i>	ATCC® 29213	1-4	
		All staphylococci	8	-	16	<i>Staphylococcus</i> spp.	4	4	<i>E. faecalis</i>	ATCC® 29212	0.12-0.5	
						<i>Enterococcus</i> spp.	0.03	1	<i>E. coli</i>	ATCC® 25922	0.5-2	
						<i>Streptococcus</i> groups A, B, C and G	(*)	(*)	<i>P. aeruginosa</i>	ATCC® 27853	> 64	
						<i>B. pseudomallei</i>	0.001	4				
TRIMETHOPRIM*- SULFAMETHOXAZOLE (1/19) 0.002 - 32* µg/mL	SXT	<i>Enterobacterales</i>	2	-	4	<i>Enterobacterales</i>	2	4	<i>S. aureus</i>	ATCC® 29213	≤ 0.5	
		<i>Acinetobacter</i> spp.	2	-	4	<i>S. maltophilia</i>	0.001	4	<i>E. faecalis</i>	ATCC® 29212	≤ 0.5	
		<i>B. cepacia</i>	2	-	4	<i>Acinetobacter</i> spp.	2	4	<i>E. coli</i>	ATCC® 25922	≤ 0.5	
		<i>S. maltophilia</i>	2	-	4	<i>Staphylococcus</i> spp.	2	4	<i>P. aeruginosa</i>	ATCC® 27853	8-32	
		Other Non-Enterobacterales	2	-	4	<i>Enterococcus</i> spp.	0.03	1	<i>H. influenzae</i>	ATCC® 49247	0.03-0.25	
		All staphylococci	2	-	4	<i>Streptococcus</i> groups A, B, C and G	1	2	<i>S. pneumoniae</i>	ATCC® 49619	0.12-1	
		<i>Haemophilus</i> spp.	0.5	1-2	4	<i>S. pneumoniae</i>	1	2	<i>H. influenzae</i>	ATCC® 49766	0.016-0.06	
		<i>S. pneumoniae</i>	0.5	1-2	4	<i>H. influenzae</i>	0.5	1				
		<i>N. meningitidis</i>	0.12	0.25	0.5	<i>M. catarrhalis</i>	0.5	1				
						<i>L. monocytogenes</i> (all indications)	0.06	0.06				
						<i>P. multocida</i>	0.25	0.25				
						<i>C. diphtheriae</i> and <i>C. ulcerans</i>	0.5	0.5				
						<i>K. kingae</i>	0.25	0.25				
						<i>Aeromonas</i> spp.	2	4				
						<i>A. xylosoxidans</i>	0.12	0.12				
				<i>Vibrio</i> spp.	0.25	0.25						
				<i>B. pseudomallei</i>	0.001	4						
				<i>B. melitensis</i>	0.125	0.125						

Antibiotic	CODE	CLSI INTERPRETATIVE CRITERIA ¹			EUCAST INTERPRETATIVE CRITERIA ²			QUALITY CONTROL			
		S≤	SDD MIC µg/mL	I R≥	S≤	R>	MIC µg/mL	MIC µg/mL			
VANCOMYCIN 0.016 - 256 µg/mL	VA	<i>S. aureus</i> , including MRSA	2	4-8	16	<i>S. aureus</i>	2	2	<i>S. aureus</i>	ATCC® 29213	0.5-2
		<i>Staphylococcus</i> spp. other than <i>S. aureus</i>	4	8-16	32	Coagulase-negative staphylococci	4	4	<i>E. faecalis</i>	ATCC® 29212	1-4
		<i>Enterococcus</i> spp.	4	8-16	32	Enterococci other than <i>E. casseliflavus</i> and <i>E. gallinarum</i>	4	4	<i>S. pneumoniae</i>	ATCC® 49619	0.12-0.5
		<i>S. pneumoniae</i>	1	-	-	<i>Streptococcus</i> groups A, B, C and G	2	2			
		<i>Streptococcus</i> spp. β-Hemolytic Group	1	-	-	<i>S. pneumoniae</i>	2	2			
		<i>Streptococcus</i> spp. Viridans Group	1	-	-	Viridans group streptococci	2	2			
						<i>C. perfringens</i>	2	2			
						<i>C. acnes</i>	2	2			
						<i>C. difficile</i>	2	2			
						<i>Corynebacterium</i> spp. (other than <i>C. diphtheriae</i> and <i>C. ulcerans</i>)	2	2			
						<i>Aerococcus sanguinicola</i> and <i>urinae</i>	1	1			
						<i>Bacillus</i> spp. except <i>B. anthracis</i>	2	2			
						<i>B. anthracis</i>	(4)	(4)			

(*) See relevant notes in the EUCAST breakpoint tables

FAA-HB: Fastidious Anaerobe Agar with 5% defibrinated Horse Blood

Notes:

For combination agents, MIC values are expressed as the concentration of the first component of the combination.

For information on how to use breakpoints in brackets, see <https://www.eucast.org/eucastguidancedocuments/>.

References

1. CLSI. Performance Standards for Antimicrobial Susceptibility Testing; 34th ed. CLSI supplement M100S. Wayne, PA: Clinical and Laboratory Standards Institute; 2024.
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Antifungal	CODE	CLSI INTERPRETATIVE CRITERIA ^{5,6}				EUCAST INTERPRETATIVE CRITERIA ⁷			QUALITY CONTROL		MIC µg/mL
		S≤	I	SDD	R≥	S≤	R>	MIC µg/mL			
AMPHOTERICIN B 0.002 - 32 µg/mL	AMB	Not available				<i>C. albicans</i>	1	1	<i>C. parapsilosis</i>	ATCC® 22019	0.25-1
						<i>C. dubliniensis</i>	1	1	<i>C. krusei</i>	ATCC® 6258	0.5-2
						<i>C. glabrata</i>	1	1	<i>C. albicans</i>	ATCC® 90028	0.125-0.5
						<i>C. krusei</i>	1	1			
						<i>C. parapsilosis</i>	1	1			
						<i>C. tropicalis</i>	1	1			
						<i>C. neoformans</i>	1	1			
						<i>A. fumigatus</i>	1	1			
						<i>A. niger</i>	1	1			
ANIDULAFUNGIN 0.002 - 32 µg/mL	AND	<i>C. albicans</i>	0.25	0.5	1	<i>C. albicans</i>	0.03	0.03	<i>C. parapsilosis</i>	ATCC® 22019	0.5-4
		<i>C. glabrata</i>	0.12	0.25	0.5	<i>C. glabrata</i>	0.06	0.06	<i>C. krusei</i>	ATCC® 6258	0.016-0.125
		<i>C. tropicalis</i>	0.25	0.5	1	<i>C. krusei</i>	0.06	0.06	<i>C. albicans</i>	ATCC® 90028	0.002-0.008
		<i>C. krusei</i>	0.25	0.5	1	<i>C. parapsilosis</i>	4	4			
		<i>C. parapsilosis</i>	2	4	8	<i>C. tropicalis</i>	0.06	0.06			
		<i>C. guilliermondii</i>	2	4	8						
CASPOFUNGIN 0.002 - 32 µg/mL	CAS	<i>C. albicans</i>	0.25	0.5	1	Not available			<i>C. parapsilosis</i>	ATCC® 22019	0.25-2
		<i>C. glabrata</i>	0.12	0.25	0.5				<i>C. krusei</i>	ATCC® 6258	0.25-1
		<i>C. tropicalis</i>	0.25	0.5	1				<i>C. albicans</i>	ATCC® 90028	0.064-0.25
		<i>C. krusei</i>	0.25	0.5	1						
		<i>C. parapsilosis</i>	2	4	8						
		<i>C. guilliermondii</i>	2	4	8						
FLUCONAZOLE 0.016 - 256 µg/mL	FLU	<i>C. albicans</i>	2	4	8	<i>C. albicans</i>	2	4	<i>C. parapsilosis</i>	ATCC® 22019	1-8
		<i>C. glabrata</i>	-	≤ 32	64	<i>C. dubliniensis</i>	2	4	<i>C. krusei</i>	ATCC® 6258	128-≥256
		<i>C. parapsilosis</i>	2	4	8	<i>C. glabrata</i>	0.001	16	<i>C. albicans</i>	ATCC® 90028	0.125-0.5
		<i>C. tropicalis</i>	2	4	8	<i>C. parapsilosis</i>	2	4			
						<i>C. tropicalis</i>	2	4			
						Non-species related breakpoints for <i>Candida</i>	2	4			
FLUCYTOSINE 0.002 - 32 µg/mL	FC	Not available				Not available			<i>C. parapsilosis</i>	ATCC® 22019	0.064-0.25
									<i>C. krusei</i>	ATCC® 6258	≥32
									<i>C. albicans</i>	ATCC® 90028	0.5-2
ISAVUCONAZOLE 0.002 - 32 µg/mL	IVU	Not available				<i>A. flavus</i>	1	2	<i>C. parapsilosis</i>	ATCC® 22019	0.008-0.032
						<i>A. fumigatus</i>	1	2	<i>C. krusei</i>	ATCC® 6258	0.125-1
						<i>A. nidulans</i>	0.25	0.25	<i>C. albicans</i>	ATCC® 90028	0.008-0.032
						<i>A. terreus</i>	1	1			
ITRACONAZOLE 0.002 - 32 µg/mL	ITC	FDA ⁸				<i>C. albicans</i>	0.06	0.06	<i>C. parapsilosis</i>	ATCC® 22019	0.064-0.25
		<i>C. albicans</i>	0.125	0.25-0.5	1	<i>C. dubliniensis</i>	0.06	0.06	<i>C. krusei</i>	ATCC® 6258	0.25-1
						<i>C. parapsilosis</i>	0.12	0.12	<i>C. albicans</i>	ATCC® 90028	0.064-0.25
						<i>C. tropicalis</i>	0.12	0.12			
						<i>A. flavus</i>	1	1			
						<i>A. fumigatus</i>	1	1			
						<i>A. nidulans</i>	1	1			
						<i>A. terreus</i>	1	1			
KETOCONAZOLE 0.002 - 32 µg/mL	KE	Not available				Not available			<i>C. parapsilosis</i>	ATCC® 22019	0.032-0.125
									<i>C. krusei</i>	ATCC® 6258	0.25-1
									<i>C. albicans</i>	ATCC® 90028	0.008-0.032
MICAFUNGIN 0.002 - 32 µg/mL	MYC	<i>C. albicans</i>	0.25	0.5	1	<i>C. albicans</i>	0.016	0.016	<i>C. parapsilosis</i>	ATCC® 22019	0.25-2
		<i>C. glabrata</i>	0.06	0.12	0.25	<i>C. glabrata</i>	0.03	0.03	<i>C. krusei</i>	ATCC® 6258	0.032-0.125
		<i>C. tropicalis</i>	0.25	0.5	1	<i>C. parapsilosis</i>	0.002	2	<i>C. albicans</i>	ATCC® 90028	0.004-0.032
		<i>C. krusei</i>	0.25	0.5	1						
		<i>C. parapsilosis</i>	2	4	8						
		<i>C. guilliermondii</i>	2	4	8						

Antifungal	CODE	CLSI INTERPRETATIVE CRITERIA ^{5,6}				EUCAST INTERPRETATIVE CRITERIA ⁷			QUALITY CONTROL		MIC µg/mL
		S≤	I	SDD	R≥	S≤	R>	MIC µg/mL			
POSACONAZOLE 0.002 - 32 µg/mL	POS	Not available				<i>C. albicans</i>	0.06	0.06	<i>C. parapsilosis</i>	ATCC® 22019	0.032-0.25
						<i>C. dubliniensis</i>	0.06	0.06	<i>C. krusei</i>	ATCC® 6258	0.125-0.5
						<i>C. parapsilosis</i>	0.06	0.06	<i>C. albicans</i>	ATCC® 90028	0.032-0.125
						<i>C. tropicalis</i>	0.06	0.06			
						<i>A. fumigatus</i>	0.12	0.25			
						<i>A. terreus</i>	0.12	0.25			
VORICONAZOLE 0.002 - 32 µg/mL	VO	<i>C. albicans</i>	0.12	0.25-0.5	1	<i>C. albicans</i>	0.06	0.25	<i>C. parapsilosis</i>	ATCC® 22019	0.016-0.064
		<i>C. krusei</i>	0.5	1	2	<i>C. dubliniensis</i>	0.06	0.25	<i>C. krusei</i>	ATCC® 6258	0.25-1
		<i>C. parapsilosis</i>	0.12	0.25-0.5	1	<i>C. parapsilosis</i>	0.12	0.25	<i>C. albicans</i>	ATCC® 90028	0.004-0.016
		<i>C. tropicalis</i>	0.12	0.25-0.5	1	<i>C. tropicalis</i>	0.12	0.25			
		<i>A. fumigatus</i>	0.5	1	2	<i>A. fumigatus</i>	1	1			
						<i>A. nidulans</i>	1	1			

ANTIMYCOBACTERIAL	COD E	INTERPRETATIVE CRITERIA	QUALITY CONTROL	MIC µg/mL
ETHAMBUTOL 0.016 - 256 µg/mL	EB	Not available	<i>M. tuberculosis</i>	0.064-0.25
ETHIONAMIDE 0.016 - 256 µg/mL	ET	Not available	<i>M. tuberculosis</i>	0.016-0.064
ISONIAZIDE 0.016 - 256 µg/mL	IZ	Not available	<i>M. tuberculosis</i>	0.016-0.064

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RESISTANCE DETECTION

ESBL: Extended Spectrum Beta Lactamase	CODE	INTERPRETATIVE CRITERIA	QUALITY CONTROL		MIC µg/mL
CEFEPIME / CEFEPIME + CLAVULANIC ACID (4 µg/mL) 0.25-16 / 0.064-4 µg/mL	FEP/FEL	FEP ≥ 0.25 µg/mL and FEP/FEL ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>P. aeruginosa</i>	ATCC® 27853	FEP 0.5-2 FEL 1-4
			<i>K. pneumoniae</i>	ATCC® 700603	FEP 0.25-1 FEL 0.064-0.25
CEFOTAXIME / CEFOTAXIME + CLAVULANIC ACID (4 µg/mL) 0.25-16 / 0.016-1 µg/mL	CTX/CTL	CTX ≥ 0.5 µg/mL and CTX/CTL ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>E. coli</i>	ATCC® 35218	CTX ≤ 0.25 CTL 0.016-0.064
			<i>K. pneumoniae</i>	ATCC® 700603	CTX 1-4 CTL 0.125-1
CEFTAZIDIME / CEFTAZIDIME + CLAVULANIC ACID (4 µg/mL) 0.5-32 / 0.064-4 µg/mL	CAZ/CAL	CAZ ≥ 1 µg/mL and CAZ/CAL ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>E.coli</i>	ATCC® 35218	CAZ ≤ 0.5 CAL ≤ 0.064
			<i>K. pneumoniae</i>	ATCC® 700603	CAZ ≥ 8 CAL 0.125-0.5

MBL: Metallo Beta Lactamase	CODE	INTERPRETATIVE CRITERIA	QUALITY CONTROL		MIC µg/mL
IMIPENEM / IMIPENEM + EDTA 4-256 / 1-64 µg/mL 0.125-8 / 0.032-2 µg/mL	IMI/IMD	IMI/IMD ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>P. aeruginosa</i>	ATCC® 27853	MBL negative
			<i>S. maltophilia</i>	ATCC® 13636	MBL positive
MEROPENEM / MEROPENEM + EDTA 0.125-8 / 0.032-2 µg/mL	MRP/MRD	MRP/MRD ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>K. pneumoniae</i>	ATCC® 700603	MBL negative
			<i>K. pneumoniae</i>	ATCC® BAA-2146	MBL positive

GRD: Glycopeptide Resistance Detection	CODE	INTERPRETATIVE CRITERIA	QUALITY CONTROL		MIC µg/mL
VANCOMYCIN / TEICOPLANIN 0.5-32 / 0.5-32 µg/mL	VA/TEC	VA or TEC ≥ 8 µg/mL • GISA: GRD+ and MIC Test Strip VA M.I.C. ≥ 4 µg/mL • hGISA: GRD+ and MIC Test Strip VA M.I.C. < 4 µg/mL	<i>S. aureus</i>	ATCC® 29213	VA 0.5-2 TEC 1-4
			<i>S. aureus</i>	ATCC® 700698	VA 1-8 TEC ≥ 32
			<i>S. aureus</i>	ATCC® 700699	VA 4-16 TEC ≥ 32

AmpC	CODE	INTERPRETATIVE CRITERIA	Tentative QUALITY CONTROL		MIC µg/mL
CEFOTETAN / CEFOTETAN+ CLOXACILLIN 0.5-32 / 0.5-32 µg/mL	CTT/CXT	CTT/CXT ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>K. pneumoniae</i>	ATCC® 700603	CTT 0.5-2 CXT 0.5-2
			<i>K. pneumoniae</i>	ATCC® BAA-1144	CTT ≥ 32 CXT 0.5-1

KPC: Klebsiella Producing Carbapenemase	CODE	INTERPRETATIVE CRITERIA	QUALITY CONTROL		Result
ERTAPENEM / ERTAPENEM + PHENYLBORONIC ACID 0.125-8 / 0.032-2 µg/mL	ETP/EBO	ETP/EBO ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>K. pneumoniae</i>	ATCC® BAA-1706	KPC negative
MEROPENEM / MEROPENEM + PHENYLBORONIC ACID 0.125-8 / 0.032-2 µg/mL	MRP/MBO	MRP/MBO ≥ 8 µg/mL or deformation of ellipse or phantom zone	<i>K. pneumoniae</i>	ATCC® BAA-1705	KPC positive

Note: These tests are NOT intended for the determination of the MIC.

Veterinary

Antibiotic	CODE	INTERPRETATIVE CRITERIA ⁹	Swine			Cattle			Poultry			Horses			Dogs			Cats			
			S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	
MIC µg/mL																					
AMIKACIN 0.016 - 256 µg/mL	AK	<i>E. coli</i>										2	4	8	4	8	16				
		<i>E. coli</i> (foals)											4	8	16						
		<i>E. coli</i> (adults)																			
		<i>P. aeruginosa</i>																			
AMOXICILLIN*- CLAVULANIC ACID (2/1) 0.016 - 256* µg/mL	AUG	<i>P. aeruginosa</i> (foals)										2	4	8	4	8	16				
		<i>P. aeruginosa</i> (adults)											4	8	16						
		<i>Staphylococcus</i> spp. <i>S. aureus</i> (foals)											2	4	8	4	8	16			
		<i>S. aureus</i> (adults)											4	8	16						
AMPICILLIN 0.016 - 256 µg/mL	AMP	<i>Streptococcus</i> spp. <i>S. equi</i> (foals)										2	4	8	4	8	16				
		<i>S. equi</i> (adults)											4	8	16						
		<i>E. coli</i> UTI (dogs)				0.25	0.5	1								0.25	0.5	1	0.25	0.5	1
		<i>Staphylococcus</i> spp. UTI (dogs)														0.25	0.5	1	0.25	0.5	1
CEFAZOLIN 0.016 - 256 µg/mL	KZ	<i>Streptococcus</i> spp. <i>P. multocida</i>																0.25	0.5	1	
		<i>E. coli</i> UTI (dogs)																0.25	0.5	1	
		<i>S. pseudintermedius</i> <i>Staphylococcus</i> spp.														0.25	-	0.5			
		<i>Streptococcus</i> spp.	0.5	1	2								0.25	-	-	0.25	-	-	0.25	0.5	1
		<i>B. bronchiseptica</i>	0.5	1	2																
		<i>M. haemolytica</i>				0.03	0.06-0.12	0.25													
		<i>P. multocida</i>	0.5	1	2	0.03	0.06-0.12	0.25											0.25	0.5	1
CEPHALOTHIN 0.016 - 256 µg/mL	KF	<i>A. pleuropneumoniae</i>	0.5	1	2																
		<i>H. somni</i>				0.03	0.06-0.12	0.25													
		<i>E. coli</i> <i>E. coli</i> , <i>K. pneumoniae</i> , <i>P. mirabilis</i> - UTI (dogs)											2	4	8	2	4	8			
		<i>S. aureus</i> and <i>S. pseudintermedius</i>														16		32			
CEFPODOXIME 0.016 - 256 µg/mL	PX	<i>Streptococcus</i> spp. β-Hemolytic Group										2	4	8	2	4	8				
		<i>P. multocida</i>																0.25	0.5	1	
		<i>S. aureus</i> and <i>S. pseudintermedius</i>																2	4	8	
CLINDAMYCIN 0.016 - 256 µg/mL	CD	<i>E. coli</i> , <i>P. mirabilis</i> -																2	4	8	
		<i>S. aureus</i> and <i>S. pseudintermedius</i>																2	4	8	
		<i>S. canis</i>																2	4	8	
CLINDAMYCIN 0.016 - 256 µg/mL	CD	<i>P. multocida</i>																2	4	8	
		<i>Staphylococcus</i> spp.																0.5	1-2	4	
CLINDAMYCIN 0.016 - 256 µg/mL	CD	<i>Streptococcus</i> spp. β-Hemolytic Group																0.5	1-2	4	
		<i>Streptococcus</i> spp. β-Hemolytic Group																			

Antibiotic	CODE	INTERPRETATIVE CRITERIA ⁹	Swine			Cattle			Poultry			Horses			Dogs			Cats				
			S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥		
MIC µg/mL																						
DOXYCYCLINE 0.016 - 256 µg/mL	DXT	<i>E. coli</i>										0.12	0.25	0.5								
		<i>S. pseudintermedius</i>														0.12	0.25	0.5				
		<i>S. aureus</i>											0.12	0.25	0.5							
		<i>S. equi</i>											0.12	0.25	0.5							
ENROFLOXACIN 0.002 - 32 µg/mL	ENR	Enterobacteriaceae														0.5	1-2	4	0.5	1-2	4	
		<i>E. coli</i>								0.25	0.5-1	2	0.12	0.25	0.5							
		<i>P. aeruginosa</i>											0.12	0.25	0.5				0.5	1-2	4	
		<i>Staphylococcus</i> spp.											0.12	0.25	0.5				0.5	1-2	4	
		<i>S. aureus</i>											0.12	0.25	0.5							
		<i>Streptococcus</i> spp.															0.5	1-2	4	0.5	1-2	4
		<i>S. equi</i>											0.12	0.25	0.5							
		<i>S. suis</i>	0.5	1	2																	
		<i>M. haemolytica</i>				0.25	0.5-1	2														
<i>P. multocida</i>	0.25	0.5	1	0.25	0.5-1	2																
<i>A. pleuropneumoniae</i>	0.25	0.5	1																			
<i>H. somni</i>				0.25	0.5-1	2																
GENTAMICIN 0.016 - 256 µg/mL 0.064 - 1024 µg/mL	CN	Enterobacteriaceae										2	4	8	2	4	8					
		<i>P. aeruginosa</i>										2	4	8	2	4	8					
		<i>A. pleuropneumoniae</i>										2	4	8								
FLORFENICOL 0.016 - 256 µg/mL	FFC	<i>S. enterica</i>	4	8	16																	
		<i>S. suis</i>	2	4	8																	
		<i>B. bronchiseptica</i>	2	4	8																	
		<i>M. haemolytica</i>				2	4	8														
		<i>P. multocida</i>	2	4	8	2	4	8														
		<i>A. pleuropneumoniae</i>	2	4	8																	
<i>H. somni</i>				2	4	8																
MARBOFLOXACIN 0.002 - 32 µg/mL	MAR	Enterobacteriaceae													1	2	4	1	2	4		
		<i>Staphylococcus</i> spp.													1	2	4	1	2	4		
		<i>Streptococcus</i> spp.													1	2	4	1	2	4		
MINOCYCLINE 0.016 - 256 µg/mL	MN	<i>E. coli</i>										0.12	0.25	0.5								
		<i>S. pseudintermedius</i>											0.12	0.25	0.5	0.5	1	2				
		<i>S. aureus</i>											0.12	0.25	0.5							
PENICILLIN G 0.002 - 32 µg/mL 0.016 - 256 µg/mL	P	<i>Streptococcus</i> spp.										0.5	1	2								
		<i>S. suis</i>	0.25	0.5	1																	
		<i>M. haemolytica</i>				0.25	0.5	1														
		<i>P. multocida</i>	0.25	0.5	1	0.25	0.5	1														
		<i>H. somni</i>				0.25	0.5	1														
PIPERACILLIN-TAZOBACTAM 0.016/4 - 256/4 µg/mL	TZP	Enterobacteriaceae													8	16	32					
		<i>P. aeruginosa</i>													8	16	32					
SPECTINOMYCIN 0.064 - 1024 µg/mL	SPC	<i>M. haemolytica</i>				32	64	128														
		<i>P. multocida</i>				32	64	128														
		<i>H. somni</i>				32	64	128														

Antibiotic	CODE	INTERPRETATIVE CRITERIA ⁹	Swine			Cattle			Poultry			Horses			Dogs			Cats						
			S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥	S≤	I	R≥				
			MIC µg/mL																					
TETRACYCLINE 0.016 - 256 µg/mL	TE	<i>Staphylococcus</i> spp.	1														0.25	0.5	1					
		<i>S. suis</i>	0.5	1	2																			
		<i>M. haemolytica</i>				2	4	8																
		<i>P. multocida</i>	0.5	1	2	2	4	8																
		<i>A. pleuropneumoniae</i>	0.5	1	2																			
		<i>H. somni</i>				2	4	8																
TIAMULIN 0.002 - 32 µg/mL	TIA	<i>A. pleuropneumoniae</i>	16	-	32																			
TILMICOSIN 0.002 - 32 µg/mL	TIL	<i>A. pleuropneumoniae</i>	8	16	32																			

Note: For combination agents, MIC values are expressed as the concentration of the first component of the combination.

For QC ranges not shown below, see the clinical section

Antibiotic	CODE	<i>S. aureus</i> ATCC® 29213	<i>E. faecalis</i> ATCC® 29212	<i>E. coli</i> ATCC® 25922	<i>P. aeruginosa</i> ATCC® 27853	<i>S. pneumoniae</i> ATCC® 49619
		QUALITY CONTROL MIC µg/mL				
ENROFLOXACIN 0.002 - 32 µg/mL	ENR	0.03-0.12	0.12-1	0.008-0.03	1-4	
FLORFENICOL 0.016 - 256 µg/mL	FFC	2-8	2-8	2-8		1-4
MARBOFLOXACIN 0.002 - 32 µg/mL	MAR	0.12-0.5	0.5-2	0.008-0.03	0.5-2	
TIAMULIN 0.002 - 32 µg/mL	TIA	0.5-2				0-5-4
TILMICOSIN 0.002 - 32 µg/mL	TIL	1-4	8-32			

References (Cont.)

- CLSI. Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals; 4th ed. CLSI supplement VET08. Wayne, PA: Clinical and Laboratory Standards Institute; 2018.



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