

Antimicrobial Disk Diffusion Zone Interpretation Guide

Antimicrobial Agent	Code	Disk Potency	Zone Diameter Interpretive Stds (mm)		
			Resistant	Intermediate	Susceptible
Amikacin	AN-30	30 ug	≤14	15-16	≥17
Amoxicillin/Clavulanic Acid	AMC-30	20/10 ug	≤13	14-17	≥18
<i>Staphylococci</i>			≤19	*	≥20
Ampicillin	AM-10	10 ug	≤13	14-16	≥17
<i>Staphylococci</i>			≤28	*	≥29
<i>beta-hemolytic streptococci</i>			≤18	19-25	≥26
Azithromycin	AXM-15	15 ug	≤13	14-17	≥18
Bacitracin	B-10	10 u	≤8	9-12	≥13
Carbenicillin	CB-10	100 ug	≤19	20-22	≥23
Cefaclor	CEC-30	30 ug	≤14	15-17	≥18
Cefamandole	MA-30	30 ug	≤14	15-17	≥18
Cefazolin	CZ-30	30 ug	≤14	15-17	≥18
Cefixime	CFM-5	5 ug	≤15	16-18	≤19
Cefonicid	CID-30	30 ug	≤14	15-17	≥18
Cefoperazone	CFP-75	75 ug	≤15	16-20	≥21
Cefotaxime	CTX-30	30 ug	≤14	15-22	≥23
Cefotan	CTT-30	30 ug	≤12	13-15	≥16
Cefoxitin	FOX-30	30 ug	≤14	15-17	≥18
Cefpodoxime	CPD-10	10 ug	≤17	18-20	≥21
Ceftazidime	CAZ-30	30 ug	≤14	15-17	≥18
Ceftiofur (Naxcel)	XNL-30	30 ug	≤17	18-20	≥21
Ceftizoxime	ZOX-30	30 ug	≤10	11-19	≥20
Ceftriaxone	CRO-30	30 ug	≤24	25-26	≥27
Cefuroxime	CXM-30	30 ug	≤14	15-17	≥18
Cephalothin	CF-30	30 ug	≤14	15-17	≥18
Cefovecin (Covenia)	CEF-30	30 ug	≤20	21-23	≥24
Chloramphenicol	C-30	30 ug	≤12	13-17	≥18
Ciprofloxacin	CIP-5	5 ug	≤15	16-20	≥21
Clarithromycin	CLR-15	15 ug	≤13	14-17	≥18
<i>Streptococcus</i>			≤16	17-20	≥21
Clindamycin	CC-2	2 ug	≤15	16-18	≥19
<i>Staphylococci</i>			≤14	15-20	≥21
Doxycycline	D-30	30 ug	≤12	13-15	≥16
Enrofloxacin	ENO-5	5 ug	≤16	17-20	≥21
Erythromycin	E-15	15 ug	≤13	14-22	≥23
<i>Streptococcus</i>			≤15	16-20	≥21
Gentamicin	GM-10	10 ug	≤12	13-14	≥15
Impenem	IPM-10	10 ug	≤13	14-15	≥16
Kanamycin	K-30	30 ug	≤13	14-17	≥18
Marbofloxacin (Zeniquin)	MAR-5	5 ug	≤14	15-19	≥20
Mezlocillin	MZ-75	75 ug	≤17	18-20	≥21
<i>P. aeruginosa</i>			≤15	*	≥16
Nafcillin	NF-1	1 ug	≤10	11-12	≥13
Nalidixic Acid	NA-30	30 ug	≤13	14-18	≥19
Neomycin	N-30	30 ug	≤12	13-16	≥17
Nitrofurantoin	FM-300	300 ug	≤14	15-16	≥17
Norfloxacin	NOR-10	10 ug	≤12	13-16	≥17
Novobiocin	NB-30	30 ug	≤17	18-21	≥22
Ofloxacin	OFX-5	5 ug	≤12	13-15	≥16
Orbifloxacin	OBX-10	10 ug	≤17	18-22	≥23
Oxacillin	OX-1	1 ug	≤10	11-12	≥13
<i>S. aureus</i>			≤17	*	≥18
Oxytetracycline	T30	30 ug	≤15	16-25	≥26
Penicillin	P-10	10 U	≤19	20-27	≥28
<i>Staphylococci</i>			≤28	*	≥29
Piperacillin	PIP-100	100 ug	≤17	18-20	≥21
<i>P. aeruginosa</i>			≤17	*	≥18
Pirlimycin HCL	PRL-2	2 ug	≤12	*	≥13
Polimyxin	PB-300	300 ug	≤8	9-11	≥12
Rifampin	RA-5	5 ug	≤16	17-19	≥20
Sulfisoxazole	G-.25	250 ug	≤12	13-16	≥17
Tetracycline	TE-30	30 ug	≤14	15-18	≥19
<i>Streptococcus</i>			≤18	19-22	≥23
Ticarcillin	TIC-75	75 ug	≤14	15-19	≥20
<i>P. aeruginosa</i>			≤14	*	≥15

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Ticarcillin/Clavulanic Acid (Timentin)	TIM-85	75/10 ug	≤14	15-19	≥20
	<i>P. aeruginosa</i>		≤14	*	≥15
	<i>Staphylococci</i>		≤22	*	≥23
Tobramycin	NN-10	10 ug	≤12	13-14	≥15
Trimethoprim	TMP-5	5 ug	≤10	11-15	≥16
Trimethoprim/Sulfamethoxazole	SXT	1.25/23.7 ug	≤10	11-15	≥16
Vancomycin	VA-30	30 ug	≤9	10-11	≥12