

TABLE 44.2 Zone Diameter Interpretive Standards for Organisms Other Than *Haemophilus* and *Neisseria gonorrhoeae*

ANTIMICROBIAL AGENT	DISC CONTENT	ZONE DIAMETER, NEAREST WHOLE mm		
		RESISTANT	INTERMEDIATE	SUSCEPTIBLE
Ampicillin				
when testing gram-negative bacteria	10 µg	≤ 13	14–16	≥ 17
when testing gram-positive bacteria	10 µg	≤ 28	—	≥ 29
Carbenicillin				
when testing <i>Pseudomonas</i>	100 µg	≤ 13	14–16	≥ 17
when testing other gram-negative organisms	100 µg	≤ 19	20–22	≥ 23
Cefoxitin	30 µg	≤ 14	15–17	≥ 18
Cephalothin	30 µg	≤ 14	16–17	≥ 18
Chloramphenicol	30 µg	≤ 12	13–17	≥ 18
Clindamycin	2 µg	≤ 14	15–20	≥ 21
Erythromycin	15 µg	≤ 13	14–22	≥ 23
Gentamicin	10 µg	≤ 12	13–14	≥ 15
Kanamycin	30 µg	≤ 13	14–17	≥ 18
Methicillin when testing staphylococci	5 µg	≤ 9	10–13	≥ 14
Novobiocin	30 µg	≤ 17	18–21	≥ 22
Penicillin G				
when testing staphylococci	10 units	≤ 28	—	≥ 29
when testing other bacteria	10 units	≤ 14	—	≥ 15
Rifampin	5 µg	≤ 16	17–19	≥ 20
Streptomycin	10 µg	≤ 11	12–14	≥ 15
Tetracycline	30 µg	≤ 14	15–18	≥ 19
Tobramycin	10 µg	≤ 12	13–14	≥ 15
Trimethoprim/sulfamethoxazole	1.25/23.75 µg	≤ 10	11–15	≥ 16
Vancomycin				
when testing enterococci	30 µg	≤ 14	15–16	≥ 17
when testing <i>Staphylococcus</i> spp.	30 µg	—	—	≥ 15
Sulfonamides	250 or 300 µg	≤ 12	—	≥ 17
Trimethoprim	5 µg	≤ 10	—	≥ 16

Source: Clinical and Laboratory Standards Institute. *Performance Standards for Antimicrobial Disk Susceptibility Tests*, Tenth Edition, 2008.