

Common Oral Antibiotics	Organisms										Resistant Organisms					Antibiotic Spectrum Activity Score
	S. pneumoniae	Enterococcus sp	S. aureus	M. catarrhalis / H. influenzae	E. coli / Klebsiella sp	Enterobacter / Serratia / Citrobacter sp	P. aeruginosa	B. fragilis	Anaerobes	Atypicals	PRSP	VRE	MRSA	ESBL	MDRO	
Dicloxacillin	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	2
Erythromycin	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	2
Metronidazole	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	2
Amoxicillin	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	3
Azithromycin	✓	✗	✗	✓	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	3
Cefixime	✓	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	3
Cephalexin	✓	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	3
Clarithromycin	✓	✗	✗	✓	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	3
Penicillin VK	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	3
Cefdinir	✓	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	4
Cefpodoxime	✓	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	4
Cefprozil	✓	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	4
Cefuroxime	✓	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	4
Clindamycin	✓	✗	✓	✗	✗	✗	✗	✓	✓	✗	✓	✗	✗	✗	✗	6
Linezolid	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗	✗	6
Trimethoprim/Sulfamethoxazole	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✗	6
Amoxicillin/Clavulanate	✓	✓	✓	✓	✓	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	7
Ciprofloxacin	✗	✗	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	✓	✗	✗	7
Doxycycline	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗	7
Minocycline	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✗	✗	✗	7
Levofloxacin	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓	✗	✓	✗	✗	10
Moxifloxacin	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✗	✓	✗	✗	11

PRSP = Penicillin-Resistant S. pneumoniae, VRE = Vancomycin-Resistant Enterococcus sp, MRSA = Methicillin-Resistant S. aureus, ESBL = Extended-Spectrum Beta-Lactamase producing Enterobacterales, MDRO = Multidrug Resistant Gram-Negative Organism

Adapted from:
 Gerber JS, Hersh AL, Kronman MP, et al. ICHE 2017; 38(8):993-997
 Kakiuchi S, Livorsi DJ, Perencevich EN, et al. CID 2022; 75(4):567-576
 Sanford Guide - Antibacterial Agents: Spectra of Activity

Antibiotic Spectrum Activity Score of Common Oral Antibiotics

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