Organism	Aminoglycosides						Macrolides			Ketolide	Tetracyclines		Glycyclines	Glycopeptides						Urineary Tract Agents		Miscellaneous					
Gram Positive	Gentamicin	Tobramycin	Amikacin	Netilmicin	Chloramphenicol	Clindamycin	Erythro/Dirithro	Azithromycin	Clarithromycin	Telithromycin	Doxycycline	Minocycline	Tigecycline	Vancomycin	Teicoplanin	Dalbavancin	Fusidic Acid	Trimethoprim	TMP-SMX	Nitrofurantoin	Fosfomycin	Rifampin	Metronidazole	Quinupristin-dalfopristin	Linezolid	Daptomycin	Colistimethate(Colistin)
Strep, Group A,B,C,G	0	0	0	0	+	+	+	+	+	+	-	+	+	+	+	+	-	+	1	+		+	0	+	+	+	0
Step. Pneumoniae	0	0	0	0	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+		+	0	+	+	+	0
E. faecalis	S	S	S	S	-	0	0	0	0	-	0	0	+	+	+	+	+	+	1	+	+	-	0	0	+	+	0
E. faecium	S	0	0	0	-	0	0	0	0	0	0	0	+	-	-	-		0	0	+	-	0	0	+	+	+	0
Staph. Aureus (MSSA)	+	+	+	+	-	+	-	+	+	+	-	+	+	+	+	+	+	-	+	+		+	0	+	+	+	0
Staph. Aureus (MRSA)	0	0	0	0	0	0	0	0	0	0	-	-	+	+	+	+	+	-	+	0		+	0	+	+	+	0
Staph. Epidermidis	-	-	-	-	0	0	-	0	0	0	0	0	+	+	-	+	+	+	-			+	0	+	+	+	0
C. jeikeium	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	0	0	0		+	0	+	+	+	0
L. monocytogenes	S	S	S	S	+		+	+	+	+	+	+	+	+	+	+		+	+			+	0	+	+	+	0
Gram Negative																											
N. gonorrhoeae	0	0	0	0	+	0	-	-	-		-	-	+	0	0	0	+	0	-	+	+	+	0	+		0	0
N. meningitidis	0	0	0	0	+	0	+	+		+	+	+		0	0	0	+	-	+			+	0	0	0	0	0
M. catarrhalis	+	+	+	+	+	0	+	+	+	+	+	+	+						+			+	0	+	-	0	
H. influenzae	+	+	+	+	+	0	-	+	+	+	+	+	+					-	-			+	0	-	-	0	
Aeromonas	0				+						+	+	+	0					+			0	0			0	
E. coli	+	+	+	+	+	0	0	0	0	0	+		+	0	0	0	0	+	+	+	+	0	0	0	0	0	+
Klebsiella sp.	+	+	+	+	-	0	0	0	0	0	-	-	+	0	0	0	0	+	+	-	-	0	0	0	0	0	+
Enterobacter sp.	+	+	+	+	0	0	0	0	0	0	0	0	+	0	0	0	0	-		-	-	0	0	0	0	0	+
Salmonella sp.					+	0	0	-	0	0	-	-	+	0	0	0	0	-	-	+		0	0	0	0	0	
Shigella sp.	+	+	+	+	+	0	0	-	0	0	-	-	+	0	0	0	0	-	-	+		0	0	0	0	0	
Serratia marcescens	+	+	+	+	0	0	0	0	0	0	0	0	+	0	0	0	0	0	-	0	-	0	0		0	0	
Proteus vulgaris	+	+	+	+	-	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	-	0	0		0	0	0
Acinetobacter sp.	0	+	0			0	0	0	0	0	0	0	+	0	0	0	0	0	0			0	0		0	0	+
Ps. Aeruginosa	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	+
B. (Ps.) cepacia	0	0	0	0	+	0	0	0	0	0	0	-	-	0	0	0	0	+	+	0		0	0		0	0	0
S. (X.) maltophilia	0	0	0	0	+	0	0	0	0	0	0	0	+	0	0	0	0	0	+	0			0		0	0	
Y. enterocolitica	+	+	+		+	0	0	0	0	0	0	0					0		+				0		0	0	
F. tularensis	+				+						+								+			+	0		0	0	
Brucella sp.	+				+	0	0	0	0	0	+	+		0	0	0		+	+			+	0		0	0	
Legionella sp.							+	+	+	+	+	+					-	+	+				0			0	
H. ducreyi					+	+	+	+						0					-				0			0	
V. vulnificus	-	-	-		+						+	+											0			0	
MISC.:																											
Chlamydophilia sp.	0	0	0	0	+	-	+	+	+	+	+	+	+				0	0		0		+	0	+	+		
M. pneumoniae	0	0	0	0	+	0	+	+	+	+	+	+	+				0						0	+			
Rickettsia sp.	0	0	0	0	+		-			+	+	+		0		0	0						0		0		
Mycobacterium avium			+					+	+		0	0	0										0	0	0		
ANAEROBES:																											
Actinomyces	0	0	0	0	+	+	+	+	+		+	+		+		+	+						0				
Bacteroides fragilis	0	0	0	0	+	-	0	0	0		-	-	+	0		0		+	0				+		-		
P. melaninogenica	0	0	0	0	+	+		+	+		+	+	+	0		0	+						+	+			
Clostridium difficile	0	0	0	0	-									+	+	+							+	-	-		
Clostridium (NOT difficile)					+		-	+	+		+	+	+	+	+	+	+						+	+	+		
Peptostreptococcus sp.	0	0	0	0	+	+	-	+	-	+	+	+	+	+	+	+	+						+		+		

+ = effective or > 60% susceptibility, - = clinical trials lacking or 30-60% susceptible, 0 = not effective or < 30% susceptibility, S = synergistic effect with pencillins (ampicillin), blank = data in not available. Azithromycin has high tissue penetration, and clarithromycin is metabolized into more active compounds, hence, in vivo may be far more effective than in vitro.