Intrinsic Resistance of Antibiotics

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JANUARY - DECEMBER 2017	Aminoglycosides			Penicillins					Cephalosporins					Carbapenems			Quinolones		Tetracyclines		Others									
GRAM NEGATIVE RODS % SUSCEPTIBLE (of isolates tested) ^b	Amikacin	Gentamicin	Tobramycin	Penicillin	Ampicillin	Ampicillin-Sulbactam	Amoxicillin-Clavulanate	Piperacillin-Tazobactam	Cefazolin	Cefoxitin	Cefuroxime	Ceftriaxone	Ceftazidime	Cefepime	Imipenem-Cilastatin	Ertapenem	Meropenem	Ciprofloxacin	Levofloxacin	Tetracycline/Tigecycline	Doxycycline	Colistin	Fosfomycin	Clindamycin	Erythromycin	Aztreonam	Nitrofurantoin (Urine isolates only)	Rifampin	Trimethoprim-Sulfamethoxazole	Vancomycin
Acinetobacter baumannii						а																								
Bacteroides species																														
Burkholderia cepacia complex																														
Citrobacter freundii																														
Citrobacter koseri																														
Enterobacter cloacae																														
Escherichia coli																														
Escherichia hermannii																														
Fusobacterium canifelinum																														
Hafnia alvei																														
Klebsiella (formerly Enterobacter) aerogenes																														
Klebsiella pneumoniae																														
Morganella morgannii															b															
Proteus mirabilis															b															
Proteus peneri		_													b															
Proteus vulgaris		_													b															
Providencia rettgeri		_													b															
Providencia stuartii		d	d												b															
Pseudomonas aeruginosa		_ u																												
Salmonella and Shigella		Warning	_							\//s	rning												1		_					
Serratia marcescens		- varining								1	I																			
Stenotrophomonas maltophilia					+						_									е										
Yersinia enterocolitica					+															-										
Tersinia enterocontica		1	1																											
GRAM POSITIVE ORGANISMS % SUSCEPTIBLE (of isolates tested)																														
Clostridium species																														
Clostridium innocuum																														
Enterococcus faecalis																														
Enterococcus faecium								†																						
Enterococcus gallinarium/casseliflavus																														
Streptococcus pneumoniae					1	t																								
Anginosus group streptococci	1				1	t					t																			
Staphylococcus aureus	 		_		+						 													 						
Staphylococcus aureus Staphylococcus epidermidis	+	+	+	-	+	!		 		-	!		-											+	1					
Staphylococcus epidermidis Staphylococcus capitis	+	+	+	<u> </u>	+	!		 		-	!		-											_	1					
Stanfurinococcus Lundumannia	+	+	+		1	!	-			-		—	-							—					—					
Staphylococcus lugdunensis Staphylococcus saprophyticus	+	_	+	 	+			 			 	 								 				_	-					
	+	_	+	 	+			 			 	 								 					-					
Staphylococcus haemolyticus		1	1		1	1	L				1	<u> </u>				I		L	I	<u> </u>				1						

NOTE: IMPORTANT EDUCATION:

denotes intrinsic resistance for that antibiotic and pathogen combination. The absence of a red box means that intrinsic resistance has not been found, but does NOT mean that resistance may not be present.

a = A. baumannii/calcoaceticus may appear to be susceptible to ampicillin-sulbactam due to the activity of sulbactam due to the acti

Adapted from the M100 CLSI Document: CLSI. Performance Standards for Antimicrobial Susceptibility Testing. 28th ed. CLSI supplement M100. Wayne, PA: Clinical and Laboratory Standards Institute; 2018.