

2020 Antibiotic Activity Summary

Antibiogram

All Bronson Laboratory Results

Percent of strains susceptible:

	No. Tested	Ampicillin/Sulbactam	Piperacillin/tazobactam	Aztreonam	Cefazolin	Cefoxitin	Ceftriaxone	Cefepime	Meropenem	Gentamicin	Tobramycin	Amikacin	Levofloxacin	Sulfa/Trimethoprim	Nitrofurantoin	Tetracycline
Gram Negative Enteric Bacteria																
<i>Citrobacter freundii</i>	293	R	83	81	R	R	79	100	100	96	96	100	93	92	94	88
<i>Citrobacter koseri (diversus)</i>	197	R	99	99	98	96	99	100	100	100	100	100	100	100	84	99
<i>Enterobacter aerogenes</i>	238	R	85	87	R	R	86	99	99	100	100	100	100	100	R	99
<i>Enterobacter cloacae</i>	558	R	82	84	R	R	79	95	97	99	99	100	97	90	41	91
<i>Escherichia coli</i>	10694	66	98	95	94	94	95	96	100	93	94	100	87	80	97	82
<i>Klebsiella oxytoca</i>	404	64	97	96	82	98	97	98	100	99	98	100	99	95	85	92
<i>Klebsiella pneumoniae</i>	1627	85	96	95	94	96	95	95	99	97	97	100	97	91	R	86
<i>Klebsiella variicola</i>	215	96	99	99	99	95	100	100	100	100	100	100	100	99	59	93
<i>Morganella morganii</i>	157	R	97	96	R	48	90	99	99	87	93	100	83	79	R	R
<i>Proteus mirabilis</i>	882	88	99	96	94	96	96	97	100	88	90	100	78	78	R	R
<i>Proteus vulgaris</i>	70	47	100	99	R	100	84	94	100	100	100	100	100	94	R	R
<i>Providencia rettgeri</i>	45	56	98	98	R	98	96	98	98	96	96	98	91	96	R	R
<i>Serratia marcescens</i>	144	R	100	99	R	R	98	99	99	99	91	100	97	97	R	R

	No. Tested	Piperacillin/tazobactam	Cefepime	Meropenem	Aztreonam	Gentamicin	Tobramycin	Amikacin	Levofloxacin	Sulfa/Trimethoprim	Tetracycline	Minocycline
Gram Negative Non-enteric Bacteria												
<i>Acinetobacter baumannii</i>	39	62	77	90	R	85	90	100	85	79	82	
<i>Pseudomonas aeruginosa</i>	987	98	89	96	78	94	99	99	85	R	R	R
<i>Stenotrophomonas maltophilia</i>	109	R	R	R	R	R	R	R	75	94	R	100

	No. Tested	Penicillin/ampicillin	Levofloxacin	Vancomycin	Linezolid	Nitrofurantoin	Gentamicin Synergy	Streptomycin Synergy
Enterococci								
<i>Enterococcus faecalis</i>	1695	100	96	98	100	99	83	88
<i>Enterococcus faecium</i>	161	R	R	65	100	30	94	57

	No. Tested	Penicillin/ampicillin	Oxacillin/nafcillin	Erythromycin	Clindamycin	Gentamicin	Levofloxacin	Sulfa/Trimethoprim	Vancomycin	Rifampin*	Tetracycline	Minocycline	Linezolid	Nitrofurantoin
Staphylococci														
<i>Staphylococcus aureus</i>	2934	R	59	43	87	99	71	95	100	100	96	100	100	100
<i>Staphylococcus epidermidis</i>	570	R	46	33	94	93	64	56	100	99	83	100	100	98
<i>Staphylococcus haemolyticus</i>	33	42	53	R	81	71	45	72	100	97	87	100	100	100
<i>Staphylococcus lugdunensis</i>	141	57	90	83	91	100	99	97	100	99	95	100	100	100
<i>Staphylococcus simulans</i>	39	R	56	36	51	100	69	100	100	100	95	100	100	100

*Rifampin should be used only in combination with another agent

	No. Tested	Penicillin/ampicillin	Erythromycin	Clindamycin	Levofloxacin	Vancomycin	Tetracycline	Linezolid
Streptococci								
<i>Streptococcus agalactiae</i>	944	100	R	89	97	100	R	100
<i>Streptococcus anginosus</i>	78	99	50	67	100	100	45	100
<i>Streptococcus dysgalactiae</i>	80	100	56	54	100	100	79	100
<i>Streptococcus mitis/oralis</i>	60	90	31	75	97	100	77	100

	No. Tested	Penicillin non-meningitis	Penicillin meningitis	Ceftriaxone, non-meningitis	Ceftriaxone, meningitis	Erythromycin	Clindamycin	Levofloxacin	Sulfa/Trimethoprim	Vancomycin	Tetracycline	Linezolid
Streptococcus pneumoniae												
<i>Streptococcus pneumoniae</i>	111	97	77	98	88	60	84	99	85	100	82	100

	No. Tested	Caspofungin	Fluconazole	Voriconazole
Yeasts				
<i>Candida albicans</i>	34	100	91	100
<i>Candida glabrata</i>	20	100	100	80

R denotes intrinsic resistance

Dosing recommendations are generalized; dosing should be optimized for each patient.

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