



Isolates	Penicillins						Cephalosporins								Carbapenems		Fluoroquinolones			Aminoglycosides			UTI	Anti-MRSA										
	Ampicillin	Ampicillin/Sulbactam	Amoxicillin/Clavulante	Oxacillin	Penicillin	Piperacillin/Tazobactam	Aztreonam	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Ceftazidime/Avibactam	Cefepime	Ceftiozane/Tazobactam <sup>ID</sup>	Ertapenem <sup>ID72</sup>	Meropenem <sup>ID72</sup>	Ciprofloxacin	Levofloxacin <sup>ID f.</sup>	Moxifloxacin	Amikacin <sup>ID</sup>	Gentamicin <sup>ID72</sup>	Tobramycin <sup>ID72</sup>	Nitrofurantoin <sup>d.</sup>	Erythromycin <sup>e.</sup> (azithrom.)	Clindamycin	Daptomycin <sup>ID72 a.</sup>	Linezolid	Rifampin <sup>b.</sup>	Vancomycin	TMP/SMX	Tetracycline <sup>c.</sup> (doxycycline)	Tigecycline <sup>ID</sup>	
<b>Gram Negatives</b>																																		
Escherichia coli	2866	67	71	89	X	98	96	92	92	95	95	96	99	96	99	100	82	88	90	100	95	95	98									86	97	100
Klebsiella pneumoniae	477	X	85	94	X	93	93	91	91	94	93	94	99	94	97	98	99	90	94	97	100	97	95	54								91	100	97
Klebsiella oxytoca	125	X	49	90	X	88	92	33	87	97	92	96	100	95	97	99	99	95	99	99	100	95	95	91								97	—	97
Klebsiella (Enterobacter) aerogenes	69	X	X	X	X	73	75	X	X	X	72	73	100	97	85	95	100	97	98	98	100	98	98	23								90	—	95
Enterobacter cloacae complex	168	X	X	X	X	75	75	X	X	X	71	73	97	88	80	80	98	95	97	97	100	99	98	34								95	—	96
Citrobacter freundii complex	83	X	X	X	X	80	79	X	X	X	79	79	100	95	85	95	100	89	90	97	—	91	93	87								84	X	100
Serratia marcescens	46	X	X	X	X	95	95	X	X	X	95	95	97	97	97	95	97	86	91	95	—	97	82	X								—	—	94
Morganella morganii	36	X	X	X	X	91	100	X	X	80	80	77	100	100	97	100	100	72	72	72	100	83	91	X								80	X	X
Proteus mirabilis	202	85	90	93	X	99	99	70	97	97	99	99	99	100	99	100	77	78	78	100	87	85	X								84	X	X	
Pseudomonas aeruginosa	285	X	X	X	X	89	81	X	X	X	X	91	98	90	97	X	92	81	81	X	98	—	98	X								X	X	X
<b>Gram Positives</b>																																		
Enterococcus faecalis	291	99	✓	✓	X	99	✓	X	X	X	X		X		X	—	—	90	—				99	X	X	100	99	—	98	X	30	—		
Enterococcus faecium	55	22	—	—	X	27	—	X	X	X	X		X		X	X	X	X	X				—	X	X	100	100	—	65	X	42	—		
Staphylococcus aureus (MSSA)	521	X	✓	✓	99	X	✓	✓	—	—	X		—		—	—	—	69	93				100	66	78	100	100	99	100	98	95	—		
Staphylococcus aureus - MRSA	277	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X				100	X	67	100	100	98	100	94	77	—		
Staphylococcus epidermidis (coag neg)	47	X	—	—	40	X	—	—	—	—	—		—		—	—	—	76	76				100	X	67	100	100	97	100	—	82	—		
Staphylococcus lugdunensis	53	X	—	—	98	X	—	—	—	—	—		—		—	—	—	100	100				100	85	85	100	100	100	100	—	96	—		
Streptococcus anginosus	7*	✓	✓	✓	✓	100	✓	✓	✓	✓	100		100		—	—	—	—	—				—	—	71	X	100	X	100	X	—	—		
Streptococcus mitis/oralis	8*	—	✓	✓	—	75	✓	—	—	—	75		75		—	—	—	100	—				—	—	87	—	100	X	100	—	—	—		
Streptococcus pneumoniae	33	✓	✓	✓	✓	78	✓	✓	✓	✓	90		90		—	84	—	100	96				—	71	87	—	100	X	100	75	84	—		
Streptococcus pyogenes (group A strep)	24*	✓	✓	✓	✓	100	✓	✓	✓	✓	100		100		—	—	—	—	—				—	79	91	✓	100	X	100	—	X	—		
Group B Beta Streptococcus	46	✓	✓	✓	✓	100	✓	✓	✓	✓	100		100		—	—	—	100	—				—	33	40	✓	100	X	100	—	X	—		
<b>Legend</b>	*	Data from isolate totals <30 may be statistically unreliable														a.	Daptomycin should not be used to treat respiratory tract isolates																	
	X	Avoid due to intrinsic resistance or poor option/coverage														b.	Rifampin should not used alone for antimicrobial therapy																	
	—	Inactive or no data														c.	Organisms susceptible to tetracycline are also considered susceptible to doxycycline																	
	X <sup>ID</sup>	Restricted to Infectious Disease														d.	Treatment of uncomplicated urinary tract infections only																	
	X <sup>ID72</sup>	Infectious Disease approval required within 72 hrs														e.	Organisms susceptible to erythromycin are considered susceptible to azithromycin & clarithromycin																	
	✓	Good option but not routinely on MIC panels														f.	Levofloxacin is not recommended for treatment or prophylaxis of pregnant women or neonates																	
<b>ESBL</b> Extended Spectrum Beta Lactamase - 5.3% - 196 isolates out of 3670 <b>CRE</b> Carbapenemase Resistant Enterobacterales - 0.7% - 28 isolates out of 4072 <b>CP-CRE</b> Carbapenemase Producing Enterobacterales - 2 out of 4072 <b>CRO-PA</b> Carbapenemase Resistant Pseudomonas - 4.6% - 13 isolates out of 285														<b>Questions? Contact:</b> Kyle Caldwell, PharmD, BCIDP (Infectious Disease Pharmacist) at 208-625-5676 or kwcaldwell@kh.org Amy Samuelson M, SM (ASCP) <sup>CM</sup> (Microbiology Supervisor) at 208-625-5838 or amy.samuelson@kh.org Dr. Sean Cook, DO (Infectious Disease Physician) at 208-625-6944																				



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Pseudomonas aeruginosa	285	X	X	X	X	89	81	X	X	X	91	98	90	97	X	92	81	81	X	98	—	98	X										X	X	X
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Enterococcus faecium	55	22	—	—	X	27	—	X	X	X	X		X		X	X	X	X	X					—	X	X	100	100	—	65	X	42	—		
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**More resistant by ≥ 10% vs 2024**  
**More sensitive by ≥ 10% vs 2024**