



KootenaiHealth

NIACH Antibiogram 2022

	# Isolates	Ampicillin	Ampicillin/sulbactam	Amoxicillin/Clavulanic Acid	Amikacin	Aztreomycin	Aztreonam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Cefotaxime	Cefuroxime	Ciprofloxacin	Clindamycin	Daptomycin (a)	Ertapenem	Erythromycin (e)	Gentamicin	Gentamicin Synergy	Levoftoxacin (f)	Linezolid	Meropenem	Moxifloxacin	Nitrofurantoin (d)	Oxacillin (Methicillin)	Penicillin-Oral	Penicillin-Parenteral	Piperacillin/tazobactam	Rifampin (b)	Tetracycline (c)	Tobramycin	Trimethoprim/sulfamethoxazole	Vancomycin	
Gram-negative																																			
Escherichia coli*	27	52	59	81	100	—	97	85	96	96	93	—	85	67	—	—	100	—	74	—	67	—	100	70	100	—	—	—	96	—	74	74	78	—	
Klebsiella pneumoniae*	12	R	75	100	100	—	92	75	92	92	92	—	—	—	—	—	100	—	100	—	—	—	100	87	—	—	—	100	—	58	100	83	—		
Klebsiella oxytoca*	5	R	—	60	100	—	60	60	80	80	60	—	60	—	—	—	80	—	100	—	—	—	100	100	—	—	—	60	—	100	100	100	—		
Enterobacter cloacae*	7	R	R	R	100	—	71	R	100	71	71	—	—	100	—	—	86	—	100	—	100	—	100	100	—	—	—	71	—	71	100	100	—		
Serratia marcescens*	3	R	R	R	100	—	100	R	100	100	100	—	—	—	—	—	100	—	100	—	—	—	100	100	R	—	—	—	100	—	—	100	—	—	
Proteus mirabilis*	6	67	67	83	100	—	83	33	100	83	83	—	83	—	—	—	100	—	83	—	—	—	—	—	R	—	—	—	83	—	R	100	83	—	
Morganella morganii*	1	R	—	R	100	—	100	R	100	100	100	—	R	—	—	—	100	—	100	—	—	—	100	—	R	—	—	—	100	—	—	100	100	—	
Citrobacter freundii complex*	4	R	R	R	100	—	50	R	100	50	50	—	—	75	—	—	100	—	100	—	75	—	100	100	100	—	—	75	—	100	100	75	—		
Pseudomonas aeruginosa*	19	R	R	R	100	—	53	R	68	74	R	—	R	63	—	—	R	—	100	—	63	—	79	—	—	—	—	58	—	—	100	R	—		
Gram-positive																																			
Enterococcus faecalis (g)*	10	100	—	—	—	—	—	R	R	R	R	R	R	—	R	80	R	—	—	60	70	90	—	—	90	—	—	—	—	—	R	100	—	—	
Enterococcus faecium (g)*	9	11	—	—	—	—	—	R	R	R	R	R	R	—	R	100	R	—	—	100	—	89	—	—	—	—	—	—	—	—	R	11	—	—	
MSSA (Methicillin Sensitive S. aureus)*	32	—	100	—	—	—	—	—	—	—	—	—	—	—	—	88	88	—	—	100	—	87	100	100	91	96	100	—	—	100	92	—	100	100	—
MRSA (Methicillin Resistant S. aureus)*	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	90	—	—	90	—	—	100	—	—	100	—	—	—	100	90	—	80	100	—	

*Data from isolate totals <30 may be statistically unreliable.

(—) Indicates an antibiotic that is either not appropriate for the particular organism, not tested, or the susceptibility is <50%.

(R) Indicates intrinsic resistance.

a. Daptomycin should not be used to treat isolates for the respiratory tract.

b. Rifampin should not be used alone for antimicrobial therapy.

c. Organisms that are susceptible to tetracycline are also considered susceptible to doxycycline and minocycline.

d. Treatment of uncomplicated urinary tract infections only.

e. Organisms that are susceptible to erythromycin are also considered susceptible to aztreomycin and clarithromycin.

f. Levofloxacin is not recommended (CDC) for treatment or prophylaxis of pregnant women or neonates.

g. Ampicillin appropriate use on isolates from CSF only.

Data evaluated per CLSI M39-A4.

Questions? Contact Farrah Fuller (Microbiology Supervisor) at 208-625-5838, Sean Cook, D.O. at 208-625-6944, or Kyle W. Caldwell, PharmD at 208-625-5676.

ESBL Extended Spectrum Beta Lactamase - 4.5% 2 isolates

Carbapenem R Pseudomonas - 21% 4 isolates