



Kootenai Health

NIACH Antibiogram 2023

Gram-negative	# Isolates	% Percent Susceptible																											
		Ampicillin	Ampicillin/sulbactam	Amoxicillin/Clavulanic Acid	Amikacin	Aztreonam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Cefuroxime	Ciprofloxacin	Clindamycin	Daptomycin (a)	Ertapenem	Gentamicin	Gentamicin Synergy	Levofloxacin (f)	Linezolid	Meropenem	Moxifloxacin	Nitrofurantoin (d)	Oxacillin (Methicillin)	Piperacillin/azobactam	Rifampin (b)	Tetracycline (c)	Tobramycin	Trimethoprim/sulfamethoxazole	Vancomycin
Escherichia coli*	16	56	56	75	100	88	63	94	88	88	75	88	-	-	100	100	-	94	-	100	100	94	-	93	-	75	100	81	-
Klebsiella pneumoniae*	12	R	67	91	100	91	67	91	91	91	-	-	-	-	100	100	-	-	-	100	67	-	-	83	-	91	100	83	-
Klebsiella oxytoca*	5	R	-	20	100	40	20	100	100	60	40	-	-	-	100	100	-	-	-	100	80	-	-	20	-	100	100	100	-
Enterobacter cloacae*	7	R	R	R	100	57	R	57	57	57	-	100	-	-	57	100	-	100	-	100	57	-	-	57	-	57	100	100	-
Serratia marcescens*	1	R	R	R	100	100	R	100	100	100	-	-	-	-	100	100	-	-	-	100	100	R	-	100	-	-	100	-	-
Proteus mirabilis*	4	-	25	100	100	100	-	100	100	100	100	-	-	-	100	100	-	-	-	-	-	R	-	100	-	R	60	25	-
Pseudomonas aeruginosa*	19	R	R	R	100	63	R	89	74	R	R	74	-	-	R	100	-	79	-	74	-	-	-	63	-	-	100	R	-
Gram-positive		% Percent Susceptible																											
Enterococcus faecalis (g)*	8	100	-	-	-	R	R	R	R	R	-	R	100	R	-	75	88	100	-	-	88	-	-	-	-	-	-	R	100
Enterococcus faecium (g)*	8	13	-	-	-	R	R	R	R	R	-	R	100	R	-	100	-	100	-	-	-	-	-	-	-	-	-	R	50
MSSA (Methicillin Sensitive S. aureus)*	24	-	100	-	-	-	-	-	-	-	-	75	100	-	100	-	96	100	100	96	100	100	-	100	92	-	100	100	
MRSA (Methicillin Resistant S. aureus)*	12	-	-	-	-	-	-	-	-	-	-	-	100	-	100	-	-	-	-	-	-	-	-	92	100	-	100	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.

d. Treatment of uncomplicated urinary tract infections only.

e. Organisms that are susceptible to erythromycin are also considered susceptible to azithromycin 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 - 19% - 7 isolates out of 37
 CRE Carbapenem Resistant Enterics - 4 out of 41 isolates
 CP-CRE Carbapenemase Producing Enterics - 0 out of 41 isolates
 CRO-PA Carbapenem Resistant Pseudomonas - 26% - 4 isolates out of 19