



**Kootenai Health**  
Kootenai Health Antibigram  
2023

	# Isolates	Ampicillin	Ampicillin/sulbactam	Amoxicillin/Clavulanic Acid	Amikacin	Azithromycin	Aztreonam	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Cefotaxime	Cefuroxime	Ciprofloxacin	Clindamycin	Daptomycin (a)	Ertapenem	Erythromycin (e)	Gentamicin	Gentamicin Synergy	Levofloxacin (f)	Linezolid	Meropenem	Moxifloxacin	Nitrofurantoin (d)	Oxacillin (Methicillin)	Penicillin-Oral	Penicillin-Parenteral	Piperacillin/tazobactam	Rifampin (b)	Tetracycline (c)	Tobramycin	Trimethoprim/sulfamethoxazole	Vancomycin
<b>Gram-negative</b>	<b>% Percent Susceptible</b>																																	
<i>Escherichia coli</i>	2407	66	70	91	100	—	96	92	97	97	95	—	93	82	—	—	100	—	95	—	87	—	100	84	99	—	—	—	98	—	—	95	86	—
<i>Klebsiella pneumoniae</i>	375	R	79	94	100	—	94	91	93	93	91	—	89	86	—	—	100	—	96	—	90	—	100	95	—	—	—	89	—	—	95	89	—	
<i>Klebsiella oxytoca</i>	101	R	—	89	100	—	92	34	98	98	92	—	90	94	—	—	100	—	97	—	98	—	100	100	80	—	—	—	90	—	—	97	93	—
<i>Klebsiella (Enterobacter) aerogenes</i>	51	R	R	R	100	—	96	R	96	78	76	—	61	96	—	—	96	—	100	—	98	—	100	93	—	—	—	73	—	—	100	100	—	
<i>Enterobacter cloacae</i> complex	146	R	R	R	100	—	79	R	92	79	78	—	—	96	—	—	84	—	99	—	97	—	100	99	—	—	—	77	—	—	99	95	—	
<i>Serratia marcescens</i>	32	R	R	R	100	—	94	R	97	100	94	—	R	91	—	—	94	—	100	—	100	—	94	100	R	—	—	91	—	—	97	—	—	
<i>Proteus mirabilis</i>	133	100	92	99	100	—	100	71	99	100	99	—	99	76	—	—	100	—	86	—	78	—	—	70	R	—	—	100	—	R	83	80	—	
<i>Morganella morganii</i> *	30	R	—	R	97	—	97	R	100	90	87	—	R	—	—	—	97	—	87	—	—	—	97	93	R	—	—	97	—	—	90	87	—	
<i>Citrobacter freundii</i> complex	62	R	R	R	100	—	89	R	100	89	89	—	R	95	—	—	98	—	95	—	95	—	100	94	98	—	—	87	—	—	95	90	—	
<i>Pseudomonas aeruginosa</i>	241	R	R	R	100	—	83	R	92	92	R	R	R	84	—	—	R	—	98	—	82	—	92	—	—	—	—	88	—	R	100	R	—	
<i>Haemophilus influenzae</i> * (h)	21	—	—	89	—	100	—	—	—	—	95	—	95	—	—	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	80	—	
<b>Gram-positive</b>	<b>% Percent Susceptible</b>																																	
<i>Enterococcus faecalis</i> (g)	323	100	—	—	—	—	R	R	R	R	R	R	R	—	R	99	R	—	—	89	89	99	—	—	95	—	—	—	—	—	—	R	98	
<i>Enterococcus faecium</i> (g)	60	28	—	—	—	—	R	R	R	R	R	R	R	—	R	98	R	—	—	89	—	100	—	—	—	—	—	—	—	—	—	R	43	
MSSA (Methicillin Sensitive <i>S. aureus</i> )	611	—	100	—	—	—	—	—	—	—	—	—	—	75	100	—	64	—	99	91	100	—	84	89	100	—	—	100	96	—	97	100	—	
MRSA (Methicillin Resistant <i>S. aureus</i> )	195	—	—	—	—	—	—	—	—	—	—	—	—	72	99	—	—	—	94	—	100	—	—	89	—	—	—	99	92	—	92	100	—	
<i>Staph epidermidis</i> (coag negative)	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	97	73	100	—	—	79	—	—	—	100	85	—	—	100	—	
<i>Staph lugdunensis</i>	68	—	97	—	—	—	—	—	—	—	—	—	—	85	100	—	82	—	100	99	100	—	88	89	97	—	—	100	93	—	—	100	—	
<i>Streptococcus pneumoniae</i>	32	—	—	—	—	—	—	—	100	—	100	100	—	—	93	—	—	81	—	—	—	100	97	100	—	—	88	88	—	—	—	88	100	
Group A Beta Streptococcus*	19	—	—	—	—	—	—	—	100	—	100	100	—	—	84	—	—	74	—	—	—	100	—	—	—	—	100	100	—	—	—	—	100	—
Group B Beta Streptococcus*	25	—	—	—	—	—	—	—	100	—	100	100	—	—	56	—	—	—	—	—	—	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 - **3.9%** - 115 isolates out of 2883

CRE Carbapenem Resistant Enterobacterales - 34 out of 3340 isolates

CP-CRE Carbapenemase Producing Enterobacterales - 1 out of 3340 isolates

CRO-PA Carbapenem Resistant Pseudomonas - **8%** - 19 isolates out of 241