

Sanford Health South Region Antibiogram

Gram Negative Organisms

2024 Antibiogram (Jan-Dec 2023 data)	<i>Acinetobacter baumannii</i> complex	<i>Citrobacter freundii</i> complex	<i>Enterobacter cloacae</i> complex	<i>Escherichia coli</i>	<i>Escherichia coli</i> , ESBL	<i>Klebsiella (Enterobacter) aerogenes</i>	<i>Klebsiella oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Klebsiella pneumoniae</i> , ESBL	<i>Proteus mirabilis</i>	<i>Serratia marcescens</i>	<i>Pseudomonas aeruginosa</i>	<i>Pseudomonas aeruginosa</i> , CRPA	<i>Stenotrophomonas maltophilia</i>	<i>Haemophilus influenzae</i> ^a
Isolates (N)	36	530	592	11826	519	316	400	1796	60	833	139	1081	57	94	54
Antibiotic	Susceptible (%)														
Ampicillin	R	R	R	64	*	R	R	R	R	83	R	R	R	R	78
Ampicillin/ Sulbactam	97	R	R	70	*	R	64	88	*	86	R	R	R	R	-
Piperacillin/ Tazobactam	83	90	82	93	*	82	92	95	*	96	-	96	81	R	-
Cefazolin	R	R	R	91	*	R	-	95	*	91	R	R	R	R	-
Ceftazidime	83	-	-	-	-	-	-	-	-	-	-	95	68	-	-
Ceftriaxone	-	85	72	95	*	80	94	96	*	95	95	R	R	R	98
Cefepime	-	100	96	96	*	97	99	97	*	97	99	96	64	-	-
Aztreonam	R	-	-	-	-	-	-	-	-	-	-	85	54	R	-
Ertapenem	R	99	92	100	100	96	100	100	100	100	96	R	R	R	-
Meropenem	-	-	-	-	-	-	-	-	-	-	-	94	0	R	100 ^b
Ciprofloxacin	97	96	97	84	18	98	97	94	22	77	94	87	51	-	-
Levofloxacin	97	95	95	80	13	94	97	92	23	77	94	80	41	93	-
Gentamicin	94	99	99	94	73	99	98	98	57	90	98	R	R	R	-
Tobramycin	97	99	99	94	65	100	98	98	53	90	91	98	88	R	-
Trimethoprim/ Sulfamethoxazole	92	95	95	82	44	99	96	94	18	84	99	R	R	90	66 ^b
Nitrofurantoin ^c	-	93	53	98	92	17	92	34	17	R	R	R	R	-	-

a) Results from 2021 to 2023

b) < 30 isolates or subset of total isolates; results may not be statistically significant

c) urine only

-) not tested, not reported, or insufficient data

*) reported as resistant for ESBL; treatment not recommended

R) intrinsically resistant; treatment not recommended

% susceptible ≥ 90

% susceptible 60-89

% susceptible < 60