

Sanford Health South Region Pediatric Antibigram

Gram Negative Organisms

2025 Antibigram (Jan-Dec 2024 data)	<i>Citrobacter freundii</i> , <i>Enterobacter cloacae</i> complex, <i>Klebsiella aerogenes</i> , <i>Serratia marcescens</i>	<i>Escherichia coli</i>	<i>Escherichia coli</i> , ESBL	<i>Klebsiella pneumoniae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>
Isolates (N)	59	798	28 ^b	35	37	75
Antibiotic	Susceptible (%)					
Ampicillin	R	58	*	R	89	R
Ampicillin/ Sulbactam	R	65	*	80	92	R
Piperacillin/ Tazobactam	90	96	*	86	100	96
Cefazolin ^c	R	94	*	96 ^b	97	R
Ceftazidime	-	-	-	-	-	97
Ceftriaxone	-	96	*	91	92	R
Cefepime	98	97	*	94	95	100
Aztreonam	-	-	-	-	-	92
Ertapenem	98	100	100	100	100	R
Meropenem	-	-	-	-	-	96
Ciprofloxacin	95	88	32	89	95	89
Levofloxacin	95	84	21	86	95	80
Gentamicin	98	92	75	97	89	R
Tobramycin	97	92	60	97	89	93
Trimethoprim/ Sulfamethoxazole	95	79	57	86	92	R
Nitrofurantoin ^c	46	98	92	26	R	R

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 or R
 traffic light color palette

The pediatric antibiogram includes results from the first isolate/patient/year for patients < 18 years old.

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alternative color palette

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