

GRAM NEGATIVE ANTIBIOGRAM
2021

Gram Negative Organisms	No. of Isolates*	Ampicillin	Amox/Clav	Cefazolin	Ceftriaxone	Ceftazidime	Ciprofloxacin	Trimethoprim /Sulfa	Nitrofurantoin**	Pip/Taz	Meropenem	Gentamicin	Tobramycin	Fosfomycin
Escherichia coli	683	66	87	93	98	!	84	84	98	97	85	94	94	
ESBL Escherichia coli	39	R	R	R	R	!	28	67	90	NR	97	61	62	100
Klebsiella pneumonia	53 [^]	R	100	100	100	!	95	100	33	100	100	100	99	
ESBL Kleb pneumoniae	38 [^]	R	R	R	R	!	R	8	20	NR	100	80	80	
Klebsiella oxytoca	54	R	94	82	100	!	100	100	70	94	100	100		
Pseudomonas aeruginosa	134	R	R	R	R	94	75	R	n/a	98	93	99	100	
Enterobacter cloacae complex	47	R	R	R	R	!	79	87	43	77	100	89	89	
Proteus mirabilis	41	81	95	88	100	!	91	82	R	100	100	91	100	
Citrobacter freundii	36 [^]	R	R	R	R	!	75	75	95	92	100	80	89	
Serratia marcescens	45 [^]	R	R	R	R	!	93	100	R	NR	100	100	98	

Chart values are percentage of isolates susceptible; susceptibility is more predictable if the value exceeds 80

* = clinical isolates only, excluding ARO swabs. ≥30 isolates are required to provide a reasonable statistical estimate of susceptibility rate.

[^] = 2021-2022 cumulative data used to obtain significant number of isolates.

R = bacteria intrinsically resistant

S = susceptible; no known resistance to date

n/a = not an appropriate antibiotic choice for the organism

NR = not recommended as most organisms produce β-lactamase conferring penicillin resistance

! = antibiotic usually reserved for Pseudomonas species

Blank box = antibiotic not usually tested or reported (other therapy would be more appropriate)

** = for use with urinary tract isolates only