

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from adult and paediatric clinical specimens: 2024

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Organism	Number tested	≥ 90% susceptible;		70-89% susceptible;		< 70% susceptible;		Number = proportion susceptible (S/I); R = Resistant									
		Amoxicillin	Amoxicillin-clavulanate	Cefalexin ^c	Cefuroxime	Ceftazidime	Cefepime	Piperacilllin-tazobactam	Meropenem	Gentamicin	Amikacin	Trimethoprim ^c	Cotrimoxazole	Ciprofloxacin	Norfloxacin ^c	Nitrofurantoin ^c	
		Classification Number: LPMICCOMIN008 Date of issue: June 2025															
<i>Escherichia coli</i> – all	3949	38	76	74	81	86	85	87	91	99	87	99	65	66	78	71	99
ESBL <i>Escherichia coli</i> ^a	389	R	-	R	R	R	R	R	-	99	57	96	36	37	24	12	97
<i>Klebsiella pneumoniae</i> – all	705	R	82	80	82	85	83	87	86	99	90	99	75	77	80	76	77
ESBL <i>Klebsiella pneumoniae</i>	70	R	-	R	R	R	R	R	-	96	49	97	17	16	14	10	50
<i>Klebsiella (Enterobacter) aerogenes</i>	125	R	R	R	R	69 ^b	70 ^b	96	67 ^b	98	100	100	98	100	98	90	81
<i>Klebsiella oxytoca</i>	147	R	85	85	87	92 ^b	95 ^b	95	88 ^b	99	96	99	82	82	93	93	99
<i>Proteus mirabilis</i>	331	74	85	96	97	97	97	96	100	100	89	98	79	80	95	94	R
<i>Enterobacter cloacae</i> complex	233	R	R	R	R	72 ^b	72 ^b	89	72 ^b	100	90	98	83	85	93	89	97
<i>Serratia marcescens</i>	232	R	R	R	R	99 ^b	100 ^b	100	100 ^b	100	100	100	98	98	97	95	R
<i>Morganella morganii</i>	107	R	R	R	R	95 ^b	86 ^b	95	96 ^b	100	95	100	87	89	95	95	R
<i>Citrobacter koseri</i>	112	R	94	91	88	98	96	100	95	100	98	100	97	98	98	98	98
<i>Citrobacter freundii</i>	43	R	R	R	R	60 ^b	60 ^b	98	70 ^b	100	98	100	98	100	100	100	100
<i>Pseudomonas aeruginosa</i>	777	R	R	R	R	R	88	92	93	96	-	97	R	R	87	-	R
<i>Stenotrophomonas maltophilia</i>	58	R	R	R	R	R	-	R	R	R	R	-	99	-	-	-	
<i>Acinetobacter</i> spp.	46	R	R	R	R	-	-	-	-	100	100	100	-	91	91	-	-
<i>Haemophilus influenzae</i> ^d	356	55	68	-	-	93	-	-	100	-	-	-	-	68	-	-	-

^a 96% and 92% of ESBL *E. coli* susceptible to fosfomycin and mecillinam respectively

^b *E. cloacae*, *K. aerogenes*, *S. marcescens*, *M. morganii*, and *C. freundii* may develop resistance during treatment with third generation cephalosporins and β-lactam/β-lactamase inhibitor combinations.

^c Cefalexin, nitrofurantoin, trimethoprim, and norfloxacin susceptibility results apply to uncomplicated lower urinary tract infection only

^d 97% of *H. influenzae* isolates were susceptible to tetracycline/doxycycline.

See http://www.surv.esr.cri.nz/antimicrobial/neisseria_meningitidis.php for information on antimicrobial susceptibility among *Neisseria meningitidis* isolates.