

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from adult and paediatric clinical specimens: 2022

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≥ 90% susceptible;
 70-89% susceptible;
 < 70% susceptible;
 Number = proportion susceptible (S/I); R = Resistant

Classification Number: LPMICCOMIN008 Date of issue: Feb 2023	Amoxicillin	Amoxicillin-clavulanate	Cephalexin ^c	Cefuroxime	Ceftriaxone	Ceftazidime	Piperacillin-tazobactam	Aztreonam	Meropenem	Gentamicin	Amikacin	Trimethoprim ^c	Cotrimoxazole	Ciprofloxacin	Norfloxacin ^c	Nitrofurantoin ^c
Organism (number tested)																
<i>Escherichia coli</i> – all (3757)	41	81	77	83	90	89	92	90	100	89	99	68	70	80	76	99
ESBL <i>Escherichia coli</i> (307) ^a	R	-	R	R	R	R	-	R	100	56	99	36	37	24	12	97
<i>Klebsiella pneumoniae</i> – all (684)	R	86	85	84	91	89	89	91	99	94	99	80	84	88	82	84
ESBL <i>Klebsiella pneumoniae</i> (53)	R	-	R	R	R	R	-	R	100	42	92	6	10	23	19	71
<i>Klebsiella (Enterobacter) aerogenes</i> (127)	R	R	R	R	68 ^b	65 ^b	64	69	98	99	99	98	99	98	94	94
<i>Klebsiella oxytoca</i> (167)	R	84	85	86	92	97	88	90	100	95	100	92	92	94	91	98
<i>Proteus mirabilis</i> (347)	76	87	95	98	99	98	99	99	100	90	99	80	82	97	97	R
<i>Proteus vulgaris</i> (21)	R	62	R	R	100 ^b	95 ^b	100	95	100	100	100	90	90	100	100	R
<i>Enterobacter cloacae</i> complex (260)	R	R	R	R	72 ^b	72 ^b	73	73	100	95	99	88	88	97	93	96
<i>Serratia marcescens</i> (164)	R	R	R	R	98 ^b	99 ^b	95	99	100	98	98	95	97	94	93	R
<i>Morganella morganii</i> (100)	R	R	R	R	94 ^b	88 ^b	96	92	100	98	99	91	92	87	88	R
<i>Citrobacter koseri</i> (129)	R	95	88	73	100	98	97	100	100	100	99	98	98	99	97	98
<i>Citrobacter freundii</i> (27)	R	R	R	R	74 ^b	74 ^b	77	74	100	93	100	85	93	93	93	100
<i>Pseudomonas aeruginosa</i> (779)	R	R	R	R	R	91	96	92	98	-	97	R	R	88	-	R
<i>Stenotrophomonas maltophilia</i> (63)	R	R	R	R	R	-	R	R	R	R	R	-	100	-	-	-
<i>Acinetobacter</i> spp. (52)	R	R	R	R	-	100	100	-	98	90	96	-	90	92	-	-
<i>Haemophilus influenzae</i> (327) ^d	57	74	-	-	97	-	-	-	-	-	-	-	70	-	-	-

^a 97% and 94% of ESBL *E. coli* susceptible to fosfomycin and mecillinam respectively

^b *E. cloacae*, *K. aerogenes*, *S. marcescens*, *M. morganii*, *C. freundii* and *P. vulgaris* may develop resistance during prolonged treatment with third generation cephalosporins

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

^d 99% 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.