

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from adult and paediatric clinical specimens: 2018

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≥ 90% susceptible;
 70-89% susceptible;
 < 70% susceptible;
 Number = proportion susceptible; R = Resistant

Classification Number: LPMICCOMIN008 Date of issue: April 2019	Amoxycillin	Amoxicillin-clavulanate	Cephalexin	Cefuroxime	Ceftriaxone	Ceftazidime	Piperacillin-tazobactam	Aztreonam	Meropenem	Gentamicin	Amikacin	Trimethoprim	Cotrimoxazole	Ciprofloxacin	Norfloxacin ^{cd}	Nitrofurantoin ^d
Organism (number tested)																
<i>Escherichia coli</i> – all (4260) ^a	38	71	36	82	89	-	87	88	100	90	99	64	66	80	75	99
ESBL <i>Escherichia coli</i> (362)	R	R	R	R	R	R	-	R	100	62	97	32	34	23	15	98
<i>Klebsiella pneumoniae</i> – all (833) ^a	R	88	81	83	87	-	84	87	100	92	100	76	81	86	83	34
ESBL <i>Klebsiella pneumoniae</i> (77)	R	R	R	R	R	R	-	R	100	51	99	18	25	31	27	27
<i>Klebsiella oxytoca</i> (153)	R	86	76	83	90	-	84	89	100	95	99	93	95	97	94	87
<i>Proteus mirabilis</i> (416)	75	91	90	96	98	-	99	98	100	89	100	75	78	94	94	R
<i>Proteus vulgaris</i> (45)	R	60	R	R	89	-	100	98	100	98	100	62	98	100	100	R
<i>Enterobacter cloacae</i> complex (327)	R	R	R	R	71 ^b	-	73	73	100	91	99	82	85	92	86	65
<i>Enterobacter (Klebsiella) aerogenes</i> (119)	R	R	R	R	68	-	66	72	100	100	100	95	96	95	95	24
<i>Serratia marcescens</i> (234)	R	R	R	R	94 ^b	-	95	96	100	99	99	95	98	96	95	R
<i>Morganella morganii</i> (132)	R	R	R	R	88 ^b	-	98	90	100	88	99	77	79	79	79	R
<i>Citrobacter koseri</i> (114)	R	98	92	82	99	-	94	99	100	100	100	97	97	100	97	94
<i>Citrobacter freundii</i> (51)	R	R	R	R	73 ^b	-	74	73	100	92	100	80	82	90	90	100
<i>Pseudomonas aeruginosa</i> (881) ^a	R	R	R	R	R	93	91	6	94	94	93	R	R	90	97	R
<i>Stenotrophomonas maltophilia</i> (69)	R	R	R	R	R	-	R	R	R	R	R	-	99	-	-	-
<i>Acinetobacter</i> spp. (61)	R	R	R	R	-	91	91	-	88	92	90	-	90	86	-	-
<i>Haemophilus influenzae</i> (659) ^e	71	80	-	-	97	-	-	-	-	-	-	-	70	-	-	-

^a No clinically significant difference in susceptibility pattern between urinary versus non-urinary or adult versus paediatric isolates

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

^c Norfloxacin should be reserved for infections caused by resistant urinary isolates

^d Nitrofurantoin and norfloxacin results apply to lower urinary tract infection only

^e 98% 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.

