

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from adult and paediatric clinical specimens: 2019

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

Classification Number: LPMICCOMIN008 Date of issue: May 2020	Amoxycillin	Amoxycillin-clavulanate	Cephalexin ^d	Cefuroxime	Ceftriaxone	Ceftazidime	Piperacillin-tazobactam	Aztreonam	Meropenem	Gentamicin	Amikacin	Trimethoprim ^d	Cotrimoxazole	Ciprofloxacin	Norfloxacin ^{cd}	Nitrofurantoin ^d
Organism (number tested)																
<i>Escherichia coli</i> – all (3886)	39	69	73	82	89	-	91	89	100	91	100	64	67	81	75	99
ESBL <i>Escherichia coli</i> (341) ^a	R	R	R	R	R	R	-	R	100	61	99	31	34	26	15	99
<i>Klebsiella pneumoniae</i> – all (736)	R	85	84	83	90	-	85	90	100	92	100	79	81	87	83	77
ESBL <i>Klebsiella pneumoniae</i> (59)	R	R	R	R	R	R	-	R	100	39	100	10	12	22	14	61
<i>Klebsiella oxytoca</i> (168)	R	87	86	86	92	-	87	91	100	98	100	95	97	98	96	97
<i>Klebsiella (Enterobacter) aerogenes</i> (130)	R	R	R	R	76 ^b	-	75	78	100	98	100	95	97	98	96	84
<i>Proteus mirabilis</i> (336)	81	93	97	97	98	-	100	97	100	93	100	79	81	96	96	R
<i>Proteus vulgaris</i> (19)	R	54	R	R	95 ^b	-	100	100	100	100	100	79	84	100	100	R
<i>Enterobacter cloacae</i> complex (249)	R	R	R	R	77 ^b	-	75	78	100	97	100	88	90	96	94	96
<i>Serratia marcescens</i> (207)	R	R	R	R	98 ^b	-	97	100	100	100	100	96	99	94	92	R
<i>Morganella morganii</i> (104)	R	R	R	R	91 ^b	-	98	94	100	89	98	80	82	87	88	R
<i>Citrobacter koseri</i> (126)	R	98	98	96	99	-	98	99	100	99	100	98	99	98	97	99
<i>Citrobacter freundii</i> (37)	R	R	R	R	81 ^b	-	86	84	100	100	100	89	92	97	97	100
<i>Pseudomonas aeruginosa</i> (802)	R	R	R	R	R	91	89	92	95	92	97	R	R	88	97	R
<i>Stenotrophomonas maltophilia</i> (71)	R	R	R	R	R	-	R	R	R	R	R	-	99	-	-	-
<i>Acinetobacter</i> spp. (69)	R	R	R	R	-	94	94	-	96	90	96	-	92	94	-	-
<i>Haemophilus influenzae</i> (506) ^e	61	72	-	-	93	-	97	-	-	-	-	-	71	-	-	-

^a 97% and 90% 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 Norfloxacin should be reserved for infections caused by resistant urinary isolates

^d Cephalexin, Nitrofurantoin, trimethoprim, 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.