

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from clinical specimens: 2017

Department of Clinical Microbiology, Auckland City Hospital. Clinical Microbiologists can be contacted through Lablink on 09 3078995 or 0800 5227587

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

Organism (number tested)	Amoxicillin	Amoxicillin-clavulanate	Cephalexin	Cefuroxime	Ceftriaxone	Ceftazidime	Piperacillin-tazobactam	Aztreonam	Meropenem	Gentamicin	Amikacin	Trimethoprim	Cotrimoxazole	Ciprofloxacin	Norfloxacin ^c	Nitrofurantoin ^d
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<i>Escherichia coli</i> – all (4274) ^a	41	72	38	84	90	-	88	89	100	91	99	67	69	83	77	99
ESBL <i>Escherichia coli</i> (394)	R	R	R	R	R	R	-	R	100	59	97	34	35	29	18	95
<i>Klebsiella pneumoniae</i> – all (810)	R	83	77	80	86	-	79	86	99	88	97	72	77	83	77	38
ESBL <i>Klebsiella pneumoniae</i> (95)	R	R	R	R	R	R	-	R	100	33	86	3	7	20	8	20
<i>Proteus mirabilis</i> (345)	76	94	94	97	98	-	99	98	100	90	99	77	79	97	96	R
<i>Enterobacter cloacae</i> complex (283)	R	R	R	R	77 ^b	-	75	79	100	95	100	89	89	97	94	75
<i>Serratia marcescens</i> (228)	R	R	R	R	95 ^b	-	94	98	100	98	100	93	97	94	93	R
<i>Morganella morganii</i> (124)	R	R	R	R	89 ^b	-	95	93	100	92	98	83	84	83	84	R
<i>Citrobacter koseri</i> (108)	R	98	94	83	99	-	97	99	100	100	100	98	99	100	95	96
<i>Citrobacter freundii</i> (46)	R	R	R	R	78 ^b	-	86	80	100	91	100	87	87	100	98	96
<i>Pseudomonas aeruginosa</i> (916)	R	R	R	R	R	93	93	10	93	93	94	R	R	88	94	R
<i>Stenotrophomonas maltophilia</i> (56)	R	R	R	R	R	-	R	R	R	R	R	-	95	-	-	-
<i>Acinetobacter</i> spp. (48)	R	R	R	R	-	92	88 ^f	-	96	100	97	-	98	100	-	-
<i>Haemophilus influenzae</i> (712) ^e	71	73	-	-	96	-	-	-	-	-	-	-	71	-	-	-

^aNo clinically significant difference in susceptibility pattern between urinary and non-urinary *E. coli* isolates; ^b*Enterobacter* spp., *Serratia marcescens*, *Morganella morganii*, and *Citrobacter freundii*, (as well as *P. vulgaris*) may develop resistance during prolonged treatment with third generation cephalosporins; ^cNorfloxacin should be reserved for infections caused by resistant urinary isolates; ^dNitrofurantoin results apply to lower urinary tract infection only; ^e98% of *H. influenzae* isolates were susceptible to tetracycline; ^fSusceptibility may be an underestimate as only select isolates were tested; See http://www.surv.esr.cri.nz/antimicrobial/neisseria_meningitidis.php for information on antimicrobial susceptibility among *Neisseria meningitidis* isolates.