

# Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from adult and paediatric clinical specimens: 2023

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

Classification Number: LPMICCOMIN008 Date of issue: April 2024	Number tested	Amoxicillin	Amoxicillin-clavulanate	Cephalexin <sup>c</sup>	Cefuroxime	Ceftriaxone	Ceftazidime	Piperacillin-tazobactam	Aztreonam	Meropenem	Gentamicin	Amikacin	Trimethoprim <sup>c</sup>	Cotrimoxazole	Ciprofloxacin	Norfloxacin <sup>c</sup>	Nitrofurantoin <sup>c</sup>
<i>Escherichia coli</i> – all	3951	40	74	71	81	87	86	91	87	100	88	99	65	66	77	73	99
ESBL <i>Escherichia coli</i> <sup>a</sup>	428	R	-	R	R	R	R	-	R	100	60	96	35	37	19	12	97
<i>Klebsiella pneumoniae</i> – all	649	R	84	84	83	90	88	90	90	100	94	99	79	81	87	81	74
ESBL <i>Klebsiella pneumoniae</i>	43	R	-	R	R	R	R	-	R	98	53	98	21	23	36	29	58
<i>Klebsiella (Enterobacter) aerogenes</i>	102	R	R	R	R	68 <sup>b</sup>	67 <sup>b</sup>	68	72	100	99	100	98	97	96	92	94
<i>Klebsiella oxytoca</i>	123	R	81	79	79	84	92	84	83	100	89	99	90	91	93	91	98
<i>Proteus mirabilis</i>	337	77	91	95	97	98	98	99	98	100	88	99	77	78	95	95	R
<i>Proteus vulgaris</i>	18	R	83	R	R	100 <sup>b</sup>	100 <sup>b</sup>	100	100	100	100	100	78	89	100	100	R
<i>Enterobacter cloacae</i> complex	242	R	R	R	R	76 <sup>b</sup>	76 <sup>b</sup>	77	78	100	97	100	79	81	98	95	95
<i>Serratia marcescens</i>	207	R	R	R	R	98 <sup>b</sup>	99 <sup>b</sup>	98	99	100	97	100	96	97	98	96	R
<i>Morganella morganii</i>	92	R	R	R	R	87 <sup>b</sup>	74 <sup>b</sup>	98	84	100	95	100	93	93	96	94	R
<i>Citrobacter koseri</i>	118	R	91	88	82	98	98	93	100	99	100	100	97	97	99	96	95
<i>Citrobacter freundii</i>	29	R	R	R	R	59 <sup>b</sup>	55 <sup>b</sup>	64	68	100	93	100	79	79	93	90	97
<i>Pseudomonas aeruginosa</i>	702	R	R	R	R	R	90	97	92	97	-	96	R	R	88	-	R
<i>Stenotrophomonas maltophilia</i>	56	R	R	R	R	R	-	R	R	R	R	R	-	96	-	-	-
<i>Acinetobacter</i> spp.	51	R	R	R	R	-	94	90	-	98	92	92	-	94	92	-	-
<i>Haemophilus influenzae</i> <sup>d</sup>	384	55	75	-	-	95	-	100	-	-	-	-	-	67	-	-	-

<sup>a</sup> 97% and 91% of ESBL *E. coli* susceptible to fosfomycin and mecillinam respectively.

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

<sup>c</sup> Cephalexin, nitrofurantoin, trimethoprim, and norfloxacin susceptibility results apply to uncomplicated lower urinary tract infection only.

<sup>d</sup> 98% of *H. influenzae* isolates were susceptible to tetracycline/doxycycline.