

Antimicrobial Susceptibility Test Results for Gram-positive isolates recovered from all sites: 2021

Organism Name	Number tested	Antibiotics in common use (1st line reporting)										Reserved (2nd line reporting)				Topical			
		Ampicillin	Amoxicillin	Penicillin	MethFlucloxacillin	Erythromycin	Clindamycin #	Clarithromycin	Vancomycin	Linezolid	Trimethoprim	Trimethoprim-sulfamethoxazole	Fusidic Acid #	Tetra-Deoxystyrene	Ciprofloxacin #	Vancomycin #	Chloramphenicol	Mupirocin (High-Level)	
<i>S. aureus</i> (not MRSA)	3324		19	100	90	91	98			94	99		94	95	97	100		98	99
MRSA	217		R	R	67	76	90				97		83	95	85	100		98	100
<i>S. epidermidis</i>	273		R	46	39	61					53	53	52	84	47	100			
<i>S. saprophyticus</i>	145	99								100	95	98				100			
<i>Enterococcus faecalis</i>	519	100*								100					98	100			
<i>Enterococcus faecium</i>	69	16														100			
<i>Streptococcus pneumoniae</i>	151	98*	97*		88	90										100			
<i>Streptococcus</i> Grp A	29	100	100		93	97										100			

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from all sites: 2021

Organism Name	Number tested	Antibiotics in common use (1st line reporting)										Reserved (2nd line reporting)						
		Ampicillin	Amoxicillin	Amoxicillin-Clavulanate	Cefuroxime IV	Cefazolin	Gentamicin	Netilmicin ^d	Trimethoprim	Trimethoprim-sulfamethoxazole	Tobramycin	Tetracycline	Ceftazidime	Piperacillin-Tazobactam §	Cefepime #	Meropenem #	Fosfomycin #	Ciprofloxacin #
<i>Citrobacter freundii</i> complex	39	R	R	R	R	R	95				87	92		82	87	100	100	100
<i>Citrobacter koseri</i>	106	R	96	99	99	100					98	98		96	98	99	100	100
<i>Enterobacter cloacae</i> complex	133	R	R	R	R	100					93	93		75	79	98	100	96
<i>Escherichia coli</i>	4549	56	72	93	94	94	99	79	81					94	98	96	100	99
<i>Klebsiella aerogenes</i>	33	R	R	R	R	97			100	100				88	88	100	100	100
<i>Klebsiella oxytoca</i>	186	R	86	92	86	99					96	98		92	88	99	100	98
<i>Klebsiella pneumoniae</i>	394	R	87	91	93	97					83	86		93	94	94	100	90
<i>Morganella morganii</i>	52	R	R	R	R	96	R	74	85					98	98	100	100	90
<i>Proteus mirabilis</i>	211	89	98	96	95	81	R	85	90					99	100	99	100	99
<i>Serratia marcescens</i>	71	R	R	R	R	100	R	83	96					96	97	100	100	94
<i>Pseudomonas aeruginosa</i>	515	R	R	R	R		R	R	R	97					95	91	97	89
<i>Acinetobacter baumannii</i> complex	32	R	R	R	R	76	R	R	100							100		97
<i>Haemophilus influenzae</i>	318	63	84	69					76			99						100

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from Urinary Tract Infections: 2021

Organism Name	Number tested	Antibiotics in common use (1st line reporting)										Reserved (2nd line reporting)						
		Ampicillin	Amoxicillin	Amoxicillin-Clavulanate	Ceftriaxone	Gentamicin	Netilmicin ^d	Trimethoprim	Trimethoprim-sulfamethoxazole	Ceftazidime	Piperacillin-Tazobactam §	Cefepime #	Meropenem #	Fosfomycin #	Ciprofloxacin #			
<i>Citrobacter freundii</i> complex	30	R	R	R	R	93				87	90			87	90	100	100	100
<i>Citrobacter koseri</i>	93	R	96	99	100					98	98			96	96	99	100	100
<i>Enterobacter cloacae</i> complex	66	R	R	R	100					94	94			83	82	100	100	97
<i>Escherichia coli</i>	4090	58	74	94	95	98		79	82					97	98	98	100	99
<i>Klebsiella aerogenes</i>	23	R	R	R	R	96			100	100				91	91	100	100	100
<i>Klebsiella oxytoca</i>	93	R	88	91	98					97	98			94	90	99	100	99
<i>Klebsiella pneumoniae</i>	303	R	90	93	98				83	87				96	96	97	100	93
<i>Morganella morganii</i>	34	R	R	R	R	97	R	74	80					97	97	100	100	88
<i>Proteus mirabilis</i>	182	91	98	95	85	R	85	91						99	100	99	100	98
<i>Serratia marcescens</i>	42	R	R	R	R	100	R	83	93					95	95	100	100	93

* Tested on 10-30 isolates

† *S. aureus* susceptible to methicillin/flucloxacillin denotes susceptibility to cefazolin and amoxicillin-clavulanate

‡ *Enterococcus* species are intrinsically resistant to cephalosporins

§ Includes intermediate (Susceptible, increased Exposure) results

Treatment of uncomplicated urinary tract infections only

¶ Use requires patient-specific Infectious Diseases/Clinical Microbiology approval (document this in the clinical notes) unless following a CDHB antimicrobial guideline e.g. 'The Pink Book'.

§ Use requires patient-specific Infectious Diseases/Clinical Microbiology/Respiratory Specialist approval (document this in the clinical notes) unless following a CDHB antimicrobial guideline e.g. 'The Pink Book'.

Colour Interpretation

100% Susceptible

70 - 89% Susceptible

< 70% Susceptible

R: Intrinsically Resistant

No data or not tested