

Antimicrobial Susceptibility Test Results for Gram-positive isolates recovered from all sites: 2022

Organism Name	Antibiotics in common use (1st line reporting)											Reserved (2nd line reporting)				Topical	
	Number tested	Ampicillin/ amoxicillin	Penicillin	Methicillin/Flucloxacillin	Erythromycin	Clindamycin #	Gentamicin	Nitrofurantoin d	Trimethoprim d	Trimethoprim+sulfamethoxazole	Fusidic Acid #	Tetracycline	Ciprofloxacin #	Vancomycin #	Chloramphenicol	Mupirocin (High-Level)	
<i>S. aureus</i> (not MRSA)	3511		22	100	88	90	98		98	99	94	98	96	100	99	99	
MRSA	224		0	0	75	83	83		97		82	97	77	100	98	99	
<i>S. epidermidis</i>	338		0	42	37	61			46	61	48	91	60	100			
<i>S. saprophyticus</i>	192	98		99				100	97	100				100			
<i>Enterococcus faecalis</i>	554	100						100				97	100				
<i>Enterococcus faecium</i>	102	18											100				
<i>Streptococcus pneumoniae</i>	197	97	100		89	95			70		89			100			
<i>Streptococcus</i> Grp A	44	100	100		84	84			100		65		100				

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from all sites: 2022

Organism Name	Antibiotics in common use (1st line reporting)											Reserved (2nd line reporting)					
	Number tested	Ampicillin/ amoxicillin	Amoxicillin-Clavulanate	Cefuroxime IV	Ceftriaxone	Gentamicin	Nitrofurantoin d	Trimethoprim d	Trimethoprim+sulfamethoxazole	Tobramycin	Tetracycline	Ceftazidime	Piperacillin-Tazobactam §	Cefepime #	Mercopenam #	Fosfomycin #	Ciprofloxacin #
<i>Citrobacter freundii</i> complex	75	0	0	0	0	99		96	99			80	86	97	100		99
<i>Citrobacter koseri</i>	104	0	95	100	100	100		99	99			100	100	100	100		100
<i>Enterobacter cloacae</i> complex	207	0	0	0	0	98		90	92			77	92	95	100		96
<i>Escherichia coli</i>	4613	56	75	93	91	95	100	79	81			94	98	86	100	98	90
<i>Klebsiella aerogenes</i>	48	0	0	0	0	100		96	100			90	88	96	100		100
<i>Klebsiella oxytoca</i>	235	0	89	94	91	100		97	97			94	91	97	100		99
<i>Klebsiella pneumoniae</i>	495	0	86	91	91	96		84	88			91	94	93	100		90
<i>Morganella morganii</i>	76	0	0	0	0	93	0	71	92			99	97	100	100		95
<i>Proteus mirabilis</i>	240	90	96	99	97	92	0	85	88			99	100	99	100		98
<i>Serratia marcescens</i>	98	0	0	0	0	98	0	90	99			93	92	100	99		96
<i>Pseudomonas aeruginosa</i>	622	0	0	0	0	0	0	0	0	98			95	91	98		89
<i>Acinetobacter baumannii</i> complex	40	0	0	0	0	100	0	0	97					100			97
<i>Haemophilus influenzae</i>	528	88	86	72				75		99							99

Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from Urinary Tract Infections: 2022

Organism Name	Antibiotics in common use (1st line reporting)											Reserved (2nd line reporting)					
	Number tested	Ampicillin/Amoxicillin	Amoxicillin-Clavulanate	Ceftriaxone	Gentamicin	Nitrofurantoin d	Trimethoprim d	Trimethoprim+Sulfamethoxazole	Ceftazidime	Piperacillin-Tazobactam §	Cefepime #	Mercopenam #	Fosfomycin #	Ciprofloxacin #			
<i>Citrobacter freundii</i> complex	48	0	0	0	98		96	98	79	85	90	100		98			
<i>Citrobacter koseri</i>	80	0	96	100	100		99	99	100	100	100	100		100			
<i>Enterobacter cloacae</i> complex	106	0	0	0	100		90	92	75	76	94	100		99			
<i>Escherichia coli</i>	4044	58	78	94	96	100	79	82	96	98	98	100	99	93			
<i>Klebsiella aerogenes</i>	26	0	0	0	100		96	100	88	85	92	100		100			
<i>Klebsiella oxytoca</i>	158	0	89	91	100		97	98	96	91	95	100		100			
<i>Klebsiella pneumoniae</i>	357	0	88	91	97		85	90	94	95	95	100		93			
<i>Morganella morganii</i>	42	0	0	0	90	0	71	86	100	96	100	100		90			
<i>Proteus mirabilis</i>	72	90	99	97	94	0	85	88	99	100	99	100		98			
<i>Serratia marcescens</i>	49	0	0	0	96	0	90	96	90	90	100	100		96			

* Tested on 10-30 isolates

§ *S. aureus* susceptible to methicillin/flucloxacillin denotes susceptibility to ceftazidime 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

- ≥ 90% Susceptible
- 70 - 89% Susceptible
- < 70% Susceptible
- R= Intrinsically Resistant
- No data or not tested