

CDHB Antimicrobial Susceptibility Test Results for Gram-positive isolates recovered from all sites: 2024

Organism Name	Antibiotics in common use (1st line reporting)										Reserved (2nd line reporting)				Topical	
	Number tested	Ampicillin/ amoxicillin	Penicillin	Meth/Fludoxacillin	Erythromycin	Clindamycin #	Gentamicin	Nitrofurantoin ^d	Trimethoprim ^d	Trimethoprim+sulfamethoxazole	Fusidic Acid #	Tetra/Doxycycline	Ciprofloxacin #	Vancomycin #	Chloramphenicol	Mupirocin (High-Level)
<i>S. aureus</i> (not MRSA)	3720		23	100	88	89	97		92	99	93	98	97	100	98	99
MRSA	352		0	0	76	84	80			97	83	94	73	100	99	99
<i>S. epidermidis</i>	332		0	45	50	75			62	62	52	87	68	100		
<i>S. saprophyticus</i>	121	97		98				100	92	97				100		
<i>Enterococcus faecalis</i>	586	100						100					99	100		
<i>Enterococcus faecium</i>	113	15												91		
<i>Streptococcus pneumoniae</i>	276	96	96		85	87				73		81		100		
Streptococcus Grp A	123	100	100		94	94				97		90		100		

CDHB Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from all sites: 2024

	Antibiotics in common use (1st line reporting)											Reserved (2nd line reporting)						
Organism Name	Number tested	Ampicillin/ amoxicillin	Amoxicillin-Clavulanate	Cefuroxime IV	Cefalexin	Gentamicin	Nitrofurantoin ^d	Trimethoprim ^d	Trimethoprim+sulfamethoxazole	Tobramycin	Tetracycline	Ceftriaxone	Piperacillin-Tazobactam ^s	Cefepime [#]	Meropenem [#]	Fosfomycin [#]	Ciprofloxacin [#]	
<i>Citrobacter freundii</i> complex	75	0	0	0	0	96		94	95			68	83	100	100		92	
<i>Citrobacter koseri</i>	121	0	98	99	99	100		94	96		99	98	100	100	100			
<i>Enterobacter cloacae</i> complex	192	0	0	0	0	99		91	93		65	71	97	100	98			
<i>Escherichia coli</i>	4548	53	70	88	86	93		99	77		79	89	97	94	100		97	86
<i>Klebsiella aerogenes</i>	62	0	0	0	0	100		97	98		74	77	100	100	98			

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<i>Klebsiella oxytoca</i>	227	0	91	94	92	98		91	95		94	91	98	100	98
<i>Klebsiella pneumoniae</i>	502	0	83	84	79	96		85	85		87	91	89	99	87
<i>Morganella morganii</i>	74	0	0	0	0	96	0	79	89		97	99	99	100	96
<i>Proteus mirabilis</i>	249	90	97	98	98	98	0	90	90		100	100	100	100	98
<i>Serratia marcescens</i>	118	0	0	0	0	100	0	92	99		94	92	99	100	93
<i>Pseudomonas aeruginosa</i>	624	0	0	0	0		0	0	0	98		96	93	96	90
<i>Acinetobacter baumannii complex</i>	45	0	0	0	0	90	0	0	95					91	96
<i>Haemophilus influenzae</i>	535	57	86	71					68	100					96

CDHB Antimicrobial Susceptibility Test Results for Gram-negative isolates recovered from Urinary Tract Infections: 2024

Organism Name	Antibiotics in common use (1st line reporting)								Reserved (2nd line reporting)					
	Number tested	Ampicillin/Amoxicillin	Amoxicillin-Clavulanate	Cefalexin	Gentamicin	Nitrofurantoin ^d	Trimethoprim ^d	Trimethoprim-Sulfamethoxazole	Ceftriaxone	Piperacillin-Tazobactam ^{\$}	Cefepime [#]	Meropenem [#]	Fosfomycin [#]	Ciprofloxacin [#]
<i>Citrobacter freundii complex</i>	49	0	0	0	98		94	96	69	82	100	100		98
<i>Citrobacter koseri</i>	92	0	99	99	100		93	96	100	100	100	100		100
<i>Enterobacter cloacae complex</i>	95	0	0	0	100		92	95	73	76	100	100		99
<i>Escherichia coli</i>	3758	57	71	91	94	99	77	80	94	97	97	100	100	91
<i>Klebsiella aerogenes</i>	38	0	0	0	100		97	97	74	79	100	100		97
<i>Klebsiella oxytoca</i>	156	0	91	92	99		96	97	95	90	99	100		100
<i>Klebsiella pneumoniae</i>	344	0	88	89	98		85	89	92	95	92	100		92
<i>Morganella morganii</i>	48	0	0	0	96	0	79	85	100	100	100	100		96
<i>Proteus mirabilis</i>	193	92	98	98	99	0	90	92	100	100	100	100		99
<i>Serratia marcescens</i>	38	0	0	0	100	0	92	97	82	79	97	100		82

* Tested on 10- 30 isolates

^a S. aureus susceptible to methicillin/flucloxacillin denotes susceptibility to cefazolin and amoxicillin-clavulanate

^b Enterococcus species are intrinsically resistant to cephalosporins

^c Includes Intermediate (Susceptible, Increased Exposure) results

^d 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