

Antibiotic % Susceptibility Patterns: South Sector (West) - 2018

Data derived from routine susceptibility tests performed by Chinook Regional Hospital

Alberta Public
Laboratories (APL)

	n	Penicillin	Ampicillin	Cloxacillin	Amoxicillin/ Clavulanate	Piperacillin/ Tazobactam	Cephalexin (Urine) ^u	Cefazolin	Cefuroxime	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- sulfamethoxazole	Ciprofloxacin	Levofloxacin	Nitrofurantoin (Urine) ^u	Vancomycin	Gentamicin	Tobramycin	Tetracycline
<i>Enterococcus faecalis</i>	975		100				R	R		R				R	73 ^u		99	100			
<i>Enterococcus faecium</i>	97		23				R	R		R				R	18 ^u		16	88			
<i>Staphylococcus aureus</i>	All	1624		82				82				80	72	98				100			98
	MSSA	1329		100				100				84	82	98				100			98
	MRSA	295		R				R				59	29	98				100			98
<i>Staphylococcus coag neg</i>	85			45				45				67	48	72				100			
<i>Staphylococcus lugdunensis</i>	159			99				99				86	86	99				100			
Group A <i>Streptococcus</i> ♦	55	100										89	78								
Group B <i>Streptococcus</i>	43	100										60	33					100			
<i>Streptococcus pneumoniae</i>	meningitis	50	86							100								100			
	non-meningitis	50	91							100		95	86	92				100			
<i>Citrobacter freundii</i> complex*	110		R											89	94		95		96		
<i>Citrobacter koseri</i>	47		R		100	100				100				100	100		91		100		
<i>Klebsiella aerogenes</i> *	65		R											100	98		11		100		
<i>Enterobacter cloacae</i> complex*	189		R											93	98		34		98		
<i>Escherichia coli</i>	4805		61		84	97	94			95				81	86		98		94		
<i>Haemophilus influenzae</i>	36		58						84					81							
<i>Klebsiella oxytoca</i>	173		R		93	94	89			97				97	99		88		98		
<i>Klebsiella pneumoniae</i>	653		R		96	98	97			97				95	98		38		98		
<i>Morganella morganii</i> *	38		R											76	84				82		
<i>Proteus mirabilis</i>	290		80		95		95			96				84	86				90		
<i>Pseudomonas aeruginosa</i>	249					95					94				90				96	100	

R denotes that this species is inherently resistant to the antibiotic.

*These organisms can develop resistance to third-generation cephalosporins and piperacillin-tazobactam. Use of these agents is not recommended.

♦ Susceptibility testing not routinely performed. Results based on all GAS isolated where susceptibility testing was indicated for treatment purposes.

^u Data for this antimicrobial is only applicable to uncomplicated lower urinary tract infections.

Note: Percent susceptible for each organism/antimicrobial combination was generated by including the first isolate of that organism recovered from a given patient.

Only those species with at least 30 isolates are included in the antibiograms.