

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

Data derived from routine susceptibility tests performed by Medicine Hat Regional Hospital

Alberta Public
Laboratories (APL)

	n	Penicillin	Ampicillin	Cloxacillin	Amoxicillin/ Clavulanate	Piperacillin/ Tazobactam	Cephalexin (Urine)	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- sulfamethoxazole	Ciprofloxacin	Levofloxacin	Nitrofurantoin (Urine)	Vancomycin	Gentamicin	Tobramycin	Tetracycline
<i>Enterococcus faecalis</i>	385		99				R	R	R				R	74 ^u		99	99			
<i>Enterococcus faecium</i>	56		28				R	R	R				R	12 ^u		20	68			
<i>Staphylococcus aureus</i>	All	723		80				80			75	67	97				100			96
	MSSA	579		100				100			81	80	96				100			97
	MRSA	144		R				R			51	14	99				100			95
<i>Staphylococcus coag neg</i>	34			56				56			59	35	79				100			79
<i>Staphylococcus lugdunensis</i>	98			91				91			82	84	100				100			97
Group A <i>Streptococcus</i> ♦	127	100									87	87								
Group B <i>Streptococcus</i>	110	100									44	40					100			
<i>Citrobacter freundii</i> complex*	60		R										82	93		93		93		
<i>Citrobacter koseri</i>	32		R		97	100			100				100	100		91		100		
<i>Enterobacter cloacae</i> complex*	78		R										96	99		35		99		
<i>Escherichia coli</i>	2219		60		84	96	92		95				79	84		98		93		
<i>Klebsiella oxytoca</i>	78		R		94	95	88		97				95	100		87		99		
<i>Klebsiella pneumoniae</i>	329		R		98	98	98		98				96	98		43		99		
<i>Proteus mirabilis</i>	101		77		95	98	95		96				76	92				96		
<i>Pseudomonas aeruginosa</i>	94					83				91				88				95	98	

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.