

Antibiotic % Susceptibility Patterns: Central Zone - 2018

Data derived from routine susceptibility tests performed by
Red Deer Regional Hospital and St.Mary's Hospital Camrose

Alberta Public
Laboratories (APL)

	n	Penicillin	Ampicillin	Cloxacillin	Amoxicillin/ Clavulanate	Piperacillin/ Tazobactam	Cephalexin (Urine) ^u	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Trimethoprim- sulfamethoxazole	Ciprofloxacin	Levofloxacin	Nitrofurantoin (Urine) ^u	Vancomycin	Gentamicin	Tobramycin	Tetracycline
<i>Enterococcus faecalis</i>	2313		100				R	R	R			R	81 ^u			99	100			
<i>Enterococcus faecium</i>	240		26				R	R	R			R	23 ^u			22	85			
<i>Staphylococcus aureus</i>	All	3098		70				70			76	66	98				100			97
	MSSA	2183		100				100			80	77	98				100			97
	MRSA	915		R				R			66	42	98				100			97
<i>Staphylococcus coag neg</i>	118			48				48			60	45	74				100			90
<i>Staphylococcus lugdunensis</i>	158			95				96			87	88	99				100			97
<i>Streptococcus anginosus group</i>	78	96							100		100	100					100			
<i>Streptococcus viridans group (non-anginosus)</i>	78	94							100								100			
<i>Group A Streptococcus</i>	83	100									88	86					100			
<i>Group B Streptococcus</i>	82	100									55	53					100			
<i>Streptococcus pneumoniae</i>	<i>meningitis</i>	116	95						100								100			
	<i>non-meningitis</i>		84						100			64	88		98					
<i>Citrobacter freundii complex*</i>	179												88	94		95			97	
<i>Citrobacter koseri</i>	90		R		98	98			98					99	100		91		100	
<i>Citrobacter species</i>	73													95	93		81		97	
<i>Klebsiella aerogenes*</i>	108													99	99		16		100	
<i>Enterobacter cloacae complex*</i>	326													92	97		31		100	
<i>Escherichia coli</i>	9078		63		86	96	93	88	92					82	84		97		94	
<i>Klebsiella oxytoca</i>	289		R		91	92	88	51	93					98	100		89		99	
<i>Klebsiella pneumoniae</i>	1113		R		97	98	98	97	98					96	97		38		99	
<i>Morganella morganii*</i>	86													73	81		R		86	
<i>Proteus mirabilis</i>	504		81		95	99	96	73	97					81	84		R		96	
<i>Pseudomonas aeruginosa</i>	622					93				96				R	90				97	99
<i>Serratia marcescens*</i>	57													100	96		R		98	
<i>Stenotrophomonas maltophilia</i>	37													95		77				

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.

^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.

Version: 1.0

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

Effective Date: October 1, 2019