WISCONSIN DIAGNOSTIC LABORATORIES
Outpatient* In-Vitro Antimicrobial Susceptibility Summary
Percent Susceptible
2021

*Data represented in this antibiogram is specific to Froedtert Enterprise (CP) clinics not located on FMLH Campus, and all other non-Froedtert affiliated outpatient and outreach clinics. Please refer to Froedtert Hospital Outpatient Clinics In-Vitro Antimicrobial Susceptibility Summary for outpatient clinics located within FMLH Campus (e.g. Specialty Clinics, CFAC, Cancer Center, GI Clinic).

		Aminoglycosides					Beta-lactam Antibiotics												Cephalosporins						Quinolones												
	# of Isolates	Gentamicin	Gentamicin 500 Synergy[d]	Tobramycin	Amikacin	Streptomycin 1000 Synergy[d]	Amoxicillin	Amoxicillin / Clavulanate Acid	Ampicillin	Ampicillin / Sulbactam	Aztreonam	Ertapenem	Meropenem	Penicillin	Penicillin (IV)	Penicillin (Oral)	Piperacillin / Tazobactam	Oxacillin	Cefazolin (Non-Urine)	Ceftriaxone	Ceftazidime	Cefepime	Ceftaroline	Cefuroxime (Oral)	Ciprofloxacin	Moxifloxacin	Levofloxacin	Trimethoprim / Sulfamethoxazole	Tetracycline	Minocycline	Doxycycline	Linezolid	Clindamycin	Erythromycin	Daptomycin	Vancomycin	Nitrofurantoin[e]
Acinetobacter baumannii complex	≤ 10																																				
Acinetobacter species	13	89		86	100					89	0		100							78	77	85			92			89		100							
Aeromonas species	12								0											92					100			100									
Citrobacter freundii complex[a]	91	92		90	100			0	0	0	87	100	100				85		0	85	85	99		0	89			82	82								87
Citrobacter amalonaticus / farmeri	12	100		100	100			58	0	50	58	100	100				83		0	83	83	100		17	100			83	100								8
Citrobacter koseri / diversus	103	100		99	100			98	0	96	100	100	100				100		93	100	100	99		79	98			99	99								47
Enterobacter cloacae complex[b]	180	98		98	100			0	0	0	85	100	100				79		0	79	82	97		0	95			89	92								32
Escherichia coli	4650	95		95	100			88	63	67	96	100	100				95		84	95	95	96		88	83			84	83								98
Klebsiella aerogenes	109	100		100	100			0	0	0	90	100	100				87		0	87	89	96		0	98			100	97								30
Klebsiella oxytoca / Raoultella ornithinolytica	149	98		97	100			93	0	52	93	100	100				94		37	95	96	96		90	97			95	95								89
Klebsiella pneumoniae	700	99		98	100			94	0	87	97	100	100				95		91	96	96	97		91	90			92	88								39
Klebsiella variicola	65	100		100	100			100	0	100	100	100	100				100		100	100	100	100		92	95			100	97								71
Morganella morganii	34	87		97	100			0	0	19	97	100	100				87		0	87	87	100		0	79			79	47								0
Proteus mirabilis	302	96		97	100			99	88	94	100	100					100		10	100	100	100		99	94			94	0								0
Proteus vulgaris / hauseri	13	100		100	100			92	0		100	100	100				77		0	77	77	100		0	100			85	23								0
Providencia rettgeri	≤ 10																																				
Providencia stuartii	≤ 10																																				
Pseudomonas aeruginosa	285	99		100	100						83		93				92				94	94			80												
Pseudomonas species not *aeruginosa*	15	79		79	100						33		97				100				87	93			100												
Salmonella species	≤ 10																																				
Serratia marcescens	45	100		95	100			0	0	0	100	100	100				95			96	96	96		0	93			100	0								0
Stenotrophomonas maltophilia	19																				47						89	100		32							
Enterococcus faecalis	938		91						99																		95[e]		29[e]			99[f]			99[g]	99	100
Enterococcus faecium	39		90						56																		61[e]		56[e]			92[f]			92[g]	85	
Staphylococcus coagulase negative	330																	81[c]	81						92				89		86		78	64		100	99
Staphylococcus coagulase positive	733																	77[c]	77						80	80		96	90		95	100	79	60	100	100	100
Streptococcus agalactiae (Group B)	47													96																			62			98	
Streptococcus dysgalactiae / canis	15													100						100							93		80				60			100	
Streptococcus pneumoniae	≤ 10																																				
Streptococcus viridans group	80													91						98													80			100	

[a] *Citrobacter freundii* complex includes *C. braakii, C. freundii, C. gillenii, C. murliniae, C. rodentium, C. sedlakii, C. werkmanii,* and *C. youngae*

[b] *Enterobacter cloacae* complex includes *E. cloacae, E. asburiae, E. hormaechei, E. kobei, E. ludwigii,* and *E. nimipressuralis*

[c] Oxacillin resistant Staphylococcus species are considered resistant to other beta lactam agents including: ß-lactam/ß-lactamase inhibitor combinations, cephems (with the exception of the cephalosporins with anti-MRSA activity), and carbapenems.

[d] For treatment of blood isolates only

[e] For treatment of urine isolates only

[f] Linezolid reported only for vancomycin resistant *Enterococcus*

[g] Susceptible-Dose Dependent

****Results for species with <30 isolates may lack statistical validity due to large confidence intervals**