

WISCONSIN DIAGNOSTIC LABORATORIES

Long Term Care
In-Vitro Antimicrobial Susceptibility Summary

Percent Susceptible 2017

	# of Isolates	Aminoglycosides			Beta-lactam Antibiotics								Cephalosporins					Ciprofloxacin	Levofloxacin	TMP/SMX	Clindamycin	Erythromycin	Tetracycline	Doxycycline	Linezolid	Vancomycin	Nitrofurantoin						
		Gentamicin	Tobramycin	Amikacin	Ampicillin	Amoxicillin/ Clavulanate	Aztreonam	Imipenem	Meropenem	Oxacillin	Penicillin	Piperacillin/ Tazobactam	Cefazolin	Cefuroxime	Ceftriaxone	Ceftazidime	Cefepime																
<i>Acinetobacter baumannii</i> complex	16	56	56	100				50	50					33	50	56	44		50					38									
<i>Citrobacter freundii</i> complex ^a	73	92	93	100	0	0	68	100	100			63	0	12	63	63	97	92	92	93					92							92	
<i>Citrobacter koseri/diversus</i> complex	27	100	100	100	0	93	100	100	100			93	68	57	93	93	100	79	79	82					96							25	
<i>Citrobacter amalonaticus/farmeri</i> complex	12	100	100	100	0	83	83	100	100			83	0	50	83	83	100	100	100	100					100							25	
<i>Enterobacter</i> species	112	98	98	100	0	0	79	97	97			74	0	0	77	77	94	88	88	88					85							18	
<i>Escherichia coli</i>	971	92	89	100	47	63	87	100	100			84	64	81	85	85	88	63	63	77					75							98	
<i>Klebsiella oxytoca</i>	59	90	90	100	0	83	90	100	100			85	0	90	88	88	93	97	97	90					88							76	
<i>Klebsiella pneumoniae</i>	338	98	96	100	0	91	93	100	100			91	83	87	93	93	94	93	93	91					84							33	
<i>Morganella morganii</i>	55	71	82	100	0	0	100	100	100			71	0	0	71	71	100		76	64					38							0	
<i>Proteus mirabilis</i>	406	94	92	100	78	94	99					98	0	95	98	98	100	61	61	82					0							0	
<i>Providencia rettgeri/stuartii</i>	63	21	21	100	0	0	100		100			94	0		94	94	98		33	90					0							0	
<i>Pseudomonas aeruginosa</i>	316	95	96	100			77	72	84			84				87	90	76	76														
<i>Serratia</i> species	≤10																																
<i>Stenotrophomonas maltophilia</i>	16														31				88	94													
<i>Enterococcus faecalis</i>	705				100													56	56						15	31	100	97	100				
<i>Enterococcus faecium</i>	110				19													17	17						20	77	93	28					
<i>Staphylococcus coagulase</i> negative	30	93										44 ^b	0		44				44	44				47	31	92	94	100	100	100			
<i>Staphylococcus coagulase</i> positive	322	98										47 ^b	0		47				31	31	94	64	29	89	93	100	100	100	100				
<i>Streptococcus</i> group G	12														100					100				92	75	92				100			
<i>Streptococcus viridans</i> group	≤10																																

^a*Citrobacter freundii* complex includes *C. braakii*, *C. freundii*, *C. gillenii*, *C. murlinae*, *C. rodenticum*, *C. sedlakii*, *C. werkmanii*, and *C. youngae*

^b Oxacillin resistant *Staphylococcus* species are considered resistant to other β-lactam agents including: β-lactam/β-lactamase inhibitor combinations, cepheems (with the exception of the cephalosporins with anti-MRSA activity), and carbapenems.

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