

WISCONSIN DIAGNOSTIC LABORATORIES
Long Term Care Nursing Home Facilities
In-Vitro Antimicrobial Susceptibility Summary
Percent Susceptible
2021

	# of Isolates	Aminoglycosides					Beta-lactam Antibiotics								Cephalosporins					Quinolones			Trimethoprim / Sulfamethoxazole	Tetracycline	Minocycline	Doxycycline	Linezolid	Clindamycin	Erythromycin	Daptomycin	Vancomycin	Nitrofurantoin ^e	
		Gentamicin	Gentamicin 500 Synergy ^d	Tobramycin	Amikacin	Streptomycin 1000 Synergy ^d	Amoxicillin	Amoxicillin / Clavulanate Acid	Ampicillin	Ampicillin / Sulbactam	Aztreonam	Ertapenem	Meropenem	Penicillin	Piperacillin / Tazobactam	Oxacillin	Cefazolin (Non-Urine)	Ceftioxone	Ceftazidime	Cefepime	Ceftriaxone	Cefuroxime (Oral)											Ciprofloxacin
<i>Acinetobacter baumannii</i> complex	≤ 10																																
<i>Citrobacter freundii</i> complex ^a	23	100		100	100		0	0	0	65	100	100		71		0	71	71	96		0	100			100	100							91
<i>Citrobacter amalonaticus</i> / <i>farmeri</i>	≤ 10																																
<i>Citrobacter koseri</i> / <i>diversus</i>	≤ 10																																
<i>Enterobacter cloacae</i> complex ^b	18	94		94	100		0	0	0	64	90	100		58		0	58	58	87		0	89			95	83							19
<i>Escherichia coli</i>	302	88		88	100		74	52	53	84	100	100		81		64	81	81	83		70	64			77	73							96
<i>Klebsiella aerogenes</i>	≤ 10																																
<i>Klebsiella oxytoca</i> / <i>Raoultella ornithinolytica</i>	14	94		86	100		85	0	27	85	100	100		85		25	94	94	100		83	88			93	86							100
<i>Klebsiella pneumoniae</i>	96	98		93	100		82	0	78	88	100	100		82		82	91	90	86		80	85			88	80							32
<i>Klebsiella variicola</i>	≤ 10																																
<i>Morganella morganii</i>	12	82		91	100		0	0	27	100	100	100		83		0	83	83	100		0	67			73	58							0
<i>Proteus mirabilis</i>	120	93		93	100		91	75	86	97	100			89		15	89	91	91		86	57			82	0							0
<i>Providencia rettgeri</i>	≤ 10																																
<i>Providencia stuartii</i>	15	0		0	100		0	0	20	100	100	100		93		0	93	93	100		0	0			80	0							0
<i>Pseudomonas aeruginosa</i>	83	99		100	100					79		91		82				85	90		84												
<i>Serratia marcescens</i>	≤ 10																																
<i>Stenotrophomonas maltophilia</i>	≤ 10																																
<i>Enterococcus faecalis</i>	179		71					100					100										69 ^e		23 ^e			100 ^f			99	96	100
<i>Enterococcus faecium</i>	31		90					16					17										19 ^e		23 ^e			94 ^f			100	35	
<i>Staphylococcus</i> coagulase negative	≤ 10																																
<i>Staphylococcus</i> coagulase positive	88													35 ^c	35							33	35		83	83		95	100	73	36	100	100
<i>Streptococcus dysgalactiae</i> / <i>canis</i>	≤ 10																																
<i>Streptococcus pneumoniae</i>	≤ 10																																
<i>Streptococcus viridans</i> group	≤ 10																																

^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: β-lactam/β-lactamase inhibitor combinations, cepheims (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*