

2023 WDL Antibioqram: Long Term Care Skilled Nursing Facilities

Gram-Negative Bacteria (% Susceptible)

Microorganism	Isolates	Gentamicin	Tobramycin	Amikacin	Amoxicillin/Clavulanate	Ampicillin	Ampicillin/Sulbactam	Aztreonam	Ertapenem	Meropenem	Piperacillin/Tazobactam	Cefazolin (IV systemic)	Ceftriaxone	Ceftazidime	Cefepime	Cefuroxime (Oral)	Ciprofloxacin	SXT	Tetracycline ^D	Nitrofurantoin ^U
<i>Citrobacter freundii</i> complex ¹	30	100	100	100	IR	IR	IR	66	100	100	76	IR	66	73	96	IR	86	96	96	92
<i>Enterobacter cloacae</i> complex ²	37	91	89	100	IR	IR	IR	59	94	97	70	IR	56	59	81		81	81	91	25
<i>Escherichia coli</i>	612	85	81	100	69	50	53	77	99	100	78	62	76	77	79	63	58	75	70	96
<i>Klebsiella oxytoca/Raoultella ornithinolytica</i>	41	95	95	100	87	IR	15	87	100	100	87	9	85	92	92	78	95	95	92	94
<i>Klebsiella pneumoniae</i> group ³	258	91	85	99	73	IR	66	75	99	99	74	67	75	75	75	66	71	74	72	37
<i>Morganella morganii</i>	46	89	97	100	IR	IR	26	95	100	100	93	IR	80	80	100	IR	62	82	50	IR
<i>Proteus mirabilis</i>	330	93	94	100	98	84	92	99	100		99	3	96	98	99	93	51	83	IR	IR
<i>Pseudomonas aeruginosa</i> (non-cystic fibrosis)	196	97	98	100	IR	IR	IR	79	IR	84	84	IR	IR	87	88	IR	73	IR	IR	

¹*Citrobacter freundii* complex includes *C. braakii*, *C. freundii*, *C. gillenii*, *C. murlinae*, *C. rodentium*, *C. sedlakii*, *C. werkmanii*, and *C. youngae*

²*Enterobacter cloacae* complex includes *E. asburiae*, *E. cloacae*, *E. hormaechei*, *E. kobei*, and *E. ludwigii*

³*Klebsiella pneumoniae* group includes *K. pneumoniae* and *K. variicola*

IR: Intrinsically resistant

^DTetracycline susceptibility predicts doxycycline and minocycline susceptibility. However, tetracycline non-susceptible isolates may be doxycycline or minocycline susceptible

^UOnly isolates from urine are tested, which is less than the total number of isolates listed

Note: Organisms with <30 isolates will not be represented due to lack of statistical validity and large confidence intervals

Gram-Positive Bacteria (% Susceptible)

Microorganism	Isolates	GentamicinSynergy ^B	Ampicillin	Penicillin	Levofloxacin ^U	Tetracycline ^{D, U}	Doxycycline	Linezolid	Daptomycin	Vancomycin	Nitrofurantoin ^U
<i>Enterococcus faecalis</i>	439	71	99	99	70	19	40	99	96	96	100
<i>Enterococcus faecium</i>	47	89	27		22	40	59	100	100	55	

Microorganism	Isolates	Oxacillin ^A	Ciprofloxacin ^C	Moxifloxacin	SXT	Tetracycline ^D	Doxycycline	Clindamycin	Erythromycin	Linezolid	Daptomycin	Vancomycin	Nitrofurantoin ^U
<i>Staphylococcus aureus</i> (total)	179	46	37	43	89	77	92	72	40	100	100	100	100
Methicillin-susceptible <i>Staphylococcus aureus</i>	88	100	70	72	97	93	97	76	62	100	100	100	100
Methicillin-resistant <i>Staphylococcus aureus</i>	101	0	5	10	79	62	87	68	19	100	100	100	100

^AOxacillin resistant *Staphylococcus* species are considered resistant to other beta-lactam agents including penicillins, beta-lactam combination agents, cephalosporins (with the exception of ceftaroline), and carbapenems

^BFor treatment of blood isolates only

^CCiprofloxacin interpretations are inferred from levofloxacin MIC testing

^DTetracycline susceptibility predicts doxycycline and minocycline susceptibility. However, tetracycline non-susceptible isolates may be doxycycline or minocycline susceptible

^UOnly isolates from urine are tested, which is less than the total number of isolates listed

Note: Organisms with <30 isolates will not be represented due to lack of statistical validity and large confidence intervals