

2023 Antibiogram: Froedtert General Outpatient

Data represented in this antibiogram is specific Froedtert Enterprise (CP) clinics not located on FMLH Campus, and all other non-Froedtert affiliated outpatient and outreach clinics including Wisconsin Diagnostic Laboratories (WDL).

Antibiogram data specific to outpatient clinics located within FMLH Campus (e.g. Specialty Clinics, CFAC, Cancer Center, GI Clinic) can be found in the Froedtert Hospital Outpatient Clinics Antibigram Susceptibility Summary.

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	119	96	97	100	IR	IR	IR	84	100	100	89	IR	84	84	98	IR	86	88	85	93
<i>Citrobacter</i> species, not <i>C. freundii</i> complex	141	99	99	100	97	IR	97	97	100	100	97	90	97	98	98	61	98	97	99	46
<i>Enterobacter cloacae</i> complex ²	153	98	98	100	IR	IR	IR	78	96	100	80	IR	71	76	92		96	92	90	21
<i>Escherichia coli</i>	5350	94	94	99	88	63	66	95	99	100	94	83	94	94	95	85	79	82	80	98
<i>Klebsiella (Enterobacter) aerogenes</i>	116	100	100	100	IR	IR	IR	89	100	100	89	IR	88	88	99	61	99	97	93	26
<i>Klebsiella oxytoca/Raoultella ornithinolytica</i>	152	95	94	100	92	IR	47	94	100	100	94	27	94	94	94	90	91	90	88	91
<i>Klebsiella pneumoniae</i> group ³	761	98	97	100	95	IR	88	96	100	100	95	90	96	96	96	88	91	90	86	41
<i>Morganella morganii</i>	53	92	92	100	IR	IR	35	96	100	100	96	IR	94	84	98	IR	92	84	66	IR
<i>Proteus mirabilis</i>	415	97	96	100	98	91	95	99	100		99	3	99	99	100	98	92	92	IR	IR
<i>Pseudomonas aeruginosa</i> (non-cystic fibrosis)	311	97	99	99	IR	IR	IR	87	IR	93	94	IR	IR	96	96	IR	83	IR	IR	
<i>Serratia marcescens</i>	49	97	89	100	IR	IR	IR	97	97	97	95	IR	93	100	100	IR	95			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	Gentamicin ^B	Synergy ^B	Ampicillin	Penicillin	Levofloxacin ^U	Tetracycline ^{D, U}	Doxycycline	Linezolid	Daptomycin	Vancomycin	Nitrofurantoin ^U
<i>Enterococcus faecalis</i>	1145	87	99	99	93	26	48	98	95	99	99	
<i>Enterococcus faecium</i>	41	92	53		56	48	87	100	100	75		

Microorganism	Isolates	Oxacillin ^A	Ciprofloxacin ^C	Moxifloxacin	SXT	Tetracycline ^D	Doxycycline	Clindamycin	Erythromycin	Linezolid	Daptomycin	Vancomycin	Nitrofurantoin ^U
<i>Staphylococcus aureus</i> (total)	911	79	80	81	99	90	96	81	61	100	100	100	100
Methicillin-susceptible <i>Staphylococcus aureus</i>	724	100	91	92	100	93	96	81	71	100	100	100	100
Methicillin-resistant <i>Staphylococcus aureus</i>	194	0	34	37	96	78	93	84	25	100	100	100	100
<i>Staphylococcus</i> species, coagulase negative (total)	354	84	91			92	95	83	70	100	100	100	100
<i>Staphylococcus epidermidis</i>	120	59	78			83	90	77	43	100	100	100	100
<i>Staphylococcus lugdunensis</i>	216	98	100			97	99	87	86	100	100	100	

Microorganism	Isolates	Penicillin	Ceftriaxone	Clindamycin	Vancomycin
Viridans group <i>Streptococcus</i> species ¹	35	100	100	82	100
<i>Streptococcus anginosus</i> group ²	33	100	100	81	100

¹Viridans group *Streptococcus* species includes all members of the *S. anginosus* group, *S. bovis* group, *S. mitis* group, *S. mutans* group, and *S. salivarius* group

²*Streptococcus anginosus* group includes *S. anginosus*, *S. constellatus*, and *S. intermedius*

^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

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