

2025 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.

Antibiogram data specific to outpatient clinics located within FMLH Campus (e.g. Specialty Clinics, CFAC, Cancer Center, GI Clinic, Urology) can be found in the Froedtert Hospital Outpatient Clinics Antibiogram 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	132	99	97	100	IR	IR	IR	89	100	100	90	IR	89	89	100	IR	94	90	87	92
<i>Citrobacter</i> species, not <i>C. freundii</i> complex	174	100	100	100	97	IR	95	98	100	100	99	91	98	100	100	91	100	98	100	33
<i>Enterobacter cloacae</i> complex ²	166	98	98	100	IR	IR	IR	86	96	100	86	IR	81	84	95		95	91	93	24
<i>Escherichia coli</i>	6283	93	93	100	86	62	66	93	99	99	93	83	93	93	94	89	79	80	78	98
<i>Klebsiella (Enterobacter) aerogenes</i>	144	100	100	100	IR	IR	IR	93	99	100	90	IR	92	92	99	67	97	100	96	20
<i>Klebsiella oxytoca/Raoultella ornithinolytica</i>	146	96	95	100	91	IR	49	93	100	100	91	32	93	94	95	89	92	91	93	89
<i>Klebsiella pneumoniae</i> group ³	930	98	97	100	93	IR	85	94	99	99	92	88	94	94	94	90	89	91	85	40
<i>Morganella morganii</i>	76	93	97	100	IR	IR	34	98	100	100	100	IR	96	93	100	IR	80	88	60	IR
<i>Proteus mirabilis</i>	547	93	92	99	98	90	95	99	100		99	IR	98	99	99	97	93	91	IR	IR
<i>Pseudomonas aeruginosa</i> (non-cystic fibrosis)	350		97	99 ^U	IR	IR	IR	88	IR	97	93	IR	IR	95	96	IR	87	IR	IR	
<i>Serratia marcescens</i>	69	98	76	100	IR	IR	IR	100	100	100	98	IR	97	100	100	IR	92			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

Select breakpoints for the organisms listed below were updated mid-year (08/2025):

Enterobacterales: piperacillin-tazobactam, gentamicin, tobramycin, and amikacin

P. aeruginosa: tobramycin and amikacin (urine only)

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>	1409	88	100	99	95	25	53	98	83	99	99
<i>Enterococcus faecium</i>	53	100	77		73	63	98	94	96	98	

Microorganism	Isolates	Oxacillin ^A	Ciprofloxacin ^C	Moxifloxacin	SXT	Tetracycline ^D	Doxycycline	Clindamycin	Erythromycin	Linezolid	Daptomycin	Vancomycin	Nitrofurantoin ^U
<i>Staphylococcus aureus</i> (total)	800	80	83	84	99	91	96	81	62	100	100	100	100
Methicillin-susceptible <i>Staphylococcus aureus</i>	647	100	94	94	99	93	97	81	70	100	100	100	100
Methicillin-resistant <i>Staphylococcus aureus</i>	159	0	41	44	98	84	93	80	25	99	100	100	
<i>Staphylococcus</i> species, coagulase negative (total)	378	78	91			88	93	80	64	99	100	100	99
<i>Staphylococcus epidermidis</i>	190	63	86			81	88	72	45	99	100	100	100
<i>Staphylococcus lugdunensis</i>	161	96	99			97	99	88	87	99	100	100	

Microorganism	Isolates	Penicillin	Ceftriaxone	Clindamycin	Vancomycin
Viridans group <i>Streptococcus</i> species ¹	122	89	98	80	100
<i>Streptococcus anginosus</i> group ²	45	97	100	74	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

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