



Marshfield Labs™

A division of Marshfield Clinic

Marshfield Medical Center

2018 Outpatient Cumulative Antibigram

Contact Dr. Thomas Novicki or Dr. Thomas Fritsche at ext. 16300 (715-221-6300) for additional information regarding this report. Contact the Marshfield Clinic Pharmacy Drug Information Service at ext. 19800 (715-221-9800) for dosing and other drug information.

Gram Negative % Susceptible	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Haemophilus influenzae (2yrs)</i>	<i>Klebsiella pneumoniae</i>	<i>Klebsiella oxytoca</i>	<i>Morganella morganii (3yrs)</i>
Maximum # tested	65	52	89	3224	69	381	84	35
Ampicillin	0%	0%	0%	69%	68%	0%	0%	0%
Ampicillin/ Subactam	89%	46%	36%	76%	-	93%	45%	43%
Piperacillin/ Tazobactam	97%	96%	88%	100%	-	99%	98%	100%
Aztreonam	94%	96%	82%	98%	-	98%	96%	100%
Cefazolin	0%	0%	0%	82%	-	93%	11%	0%
Ceftazidime	92%	90%	82%	98%	-	99%	99%	91%
Ceftriaxone	94%	90%	78%	97%	-	98%	95%	86%
Cefepime	100%	100%	100%	100%	-	99%	100%	100%
Meropenem	100%	100%	100%	100%	-	100%	100%	100%
Amikacin	100%	100%	99%	100%	-	100%	100%	100%
Gentamicin	98%	100%	98%	95%	-	99%	99%	94%
Tobramycin	100%	100%	99%	97%	-	99%	99%	97%
Ciprofloxacin	97%	100%	100%	90%	-	98%	99%	91%
Levofloxacin	98%	100%	100%	90%	-	98%	100%	94%
Tetracycline	89%	94%	87%	84%	-	91%	98%	60%
Minocycline	94%	100%	88%	94%	-	93%	99%	51%
Tigecycline	100%	100%	100%	100%	-	100%	100%	100%
Nitrofurantoin (UTI only)	98%	92%	76%	99%	-	93%	97%	0%
Trimethoprim/ Sulphamethoxazole	92%	98%	89%	87%	-	96%	99%	89%

Gram Negative

% Susceptible

Proteus mirabilis

Pseudomonas aeruginosa

Serratia marcescens

Stenotrophomonas maltophilia (3yrs)

Maximum # tested	177	211	30	23
Ampicillin	6%	-	0%	-
Ampicillin/ Sulbactam	98%	-	20%	-
Piperacillin/ Tazobactam	100%	98%	97%	-
Aztreonam	100%	91%	100%	-
Cefazolin	7%	-	0%	-
Ceftazidime	100%	99%	100%	43%
Ceftriaxone	99%	-	93%	-
Cefepime	100%	98%	100%	-
Meropenem	100%	97%	100%	-
Amikacin	100%	99%	100%	-
Gentamicin	90%	96%	100%	-
Tobramycin	93%	99%	100%	-
Ciprofloxacin	83%	91%	97%	-
Levofloxacin	83%	89%	97%	70%
Tetracycline	0%	0%	17%	0%
Minocycline	0%	0%	90%	100%
Tigecycline	95%	-	100%	-
Nitrofurantoin (UTI only)	1%	0%	0%	-
Trimethoprim/ Sulphamethoxazole	90%	0%	100%	100%

Gram Positive % Susceptible	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	<i>Staphylococcus aureus</i>	<i>Staphylococcus epidermidis</i>	<i>Streptococcus pneumoniae</i> (3yrs)
Maximum # Tested	314	27	931	323	24
Ampicillin	100%	37%	-	-	-
Penicillin	-	-	24%	27%	-
Penicillin (Oral)	-	-	-	-	58%
Penicillin(meningitis)	-	-	-	-	58%
Penicillin(nonmeningitis)	-	-	-	-	88%
Oxacillin*	-	-	75%	44%	-
Ceftaroline	0%	0%	100%	-	-
Ceftriaxone (meningitis)	-	-	-	-	83%
Ceftriaxone (nonmeningitis)	-	-	-	-	96%
Cefepime	0%	0%	-	-	92%
Meropenem	-	-	-	-	79%
Clindamycin	-	-	78%	38%	87%
Erythromycin	-	-	58%	2%	57%
Daptomycin	100%	100%	100%	100%	-
Levofloxacin	84%	38%	79%	52%	100%
Linezolid	100%	100%	100%	100%	100%
Nitrofurantoin (UTI only)	99%	62%	100%	99%	-
Tetracycline	22%	37%	92%	89%	92%
Trimethoprim/ Sulphamethoxazole	0%	0%	99%	-	71%
Vancomycin	100%	78%	100%	100%	100%

* Staphylococcal susceptibility to oxacillin predicts susceptibility to all anti-staphylococcal penicillins, cephalosporins, carbapenems, and beta lactam/ beta lactamase inhibitor combination drugs.