



Antibiotic Panels - Urine Isolates

S. aureus, Oxacillin Sensitive

Cefazolin	Oxacillin ¹
Levofloxacin	Penicillin
Nitrofurantoin	Trim/Sulfa

S. aureus, Oxacillin Resistant

Levofloxacin	Trim/Sulfa
Nitrofurantoin	Tetracycline
Oxacillin	Vancomycin
Rifampin	

Coagulase-Negative Staphylococcus, Oxacillin Sensitive

Cefazolin	Oxacillin ¹
Levofloxacin	Penicillin
Nitrofurantoin	

Coagulase-Negative Staphylococcus, Oxacillin Resistant

Levofloxacin	Tetracycline
Nitrofurantoin	Vancomycin
Oxacillin	

Enterococcus

Ampicillin	(Quin/Dalfo)
Nitrofurantoin	(Tetracycline)
(Linezolid)	(Vancomycin)

Glucose - Fermenting Gram Negative Bacilli (e.g. E. coli, Klebsiella, Enterobacter)

Ampicillin	(Amikacin)
Cefazolin	(Amp/Sulb)
Ciprofloxacin	(Cefepime)
Gentamicin	(Ceftazidime)
Levofloxacin	(Ceftriaxone)
Nitrofurantoin	(Cefuroxime)
Tetracycline	(Imipenem)
Trim/Sulfa	(Pip/Tazo)
	(Tobramycin)

P. aeruginosa

Aztreonam	Tobramycin
Ceftazidime	(Amikacin)
Ciprofloxacin	(Cefepime)
Gentamicin	(Imipenem)
Levofloxacin	(Meropenem)
Pip/Tazo	

S. maltophilia

Ceftazidime	Trim/Sulfa
Levofloxacin	Ticar/Clav

Non-Glucose Fermenting Gram Negative Bacilli Other Than P. aeruginosa, S. maltophilia

Ceftazidime	Pip/Tazo
Ceftriaxone	Trim/Sulfa
Ciprofloxacin	(Amikacin)
Levofloxacin	(Imipenem)
Gentamicin	(Tobramycin)
Piperacillin	

¹ Oxacillin is not appropriate for the treatment of urinary tract infections. Oxacillin results can be used to predict susceptibility to antistaphylococcal penicillins, beta lactam/beta lactamase inhibitor combination drugs, cephalosporins, and carbapenems.

Amp/Sul, Ampicillin/Sulbactam (Unasyn); Pip/Tazo, Piperacillin/Tazobactam; Quin/Dalfo, Quinupristin/Dalfopristin; Ticar/Clav, Ticarcillin/Clavulanate; Trim/Sulfa, Trimethoprim/Sulfamethoxazole

Drugs not in parentheses are always tested and reported. Marshfield Labs supports rational antimicrobial usage. Drugs in parentheses will be reported in a cascading fashion only when selected routinely reported drugs have an Intermediate or Resistant interpretation. These drugs will also be reported upon request. Contact the microbiology lab (x16141) for details.