



Antibiotic Panels - Urine Isolates

S. aureus, Oxacillin Sensitive

Levofloxacin	Rifampin
Nitrofurantoin	Tetracycline
Oxacillin ¹	Trim/Sulfa
Penicillin	

S. aureus, Oxacillin Resistant

Levofloxacin	Rifampin
Linezolid	Trim/Sulfa
Nitrofurantoin	Tetracycline
Oxacillin	Vancomycin
Penicillin	

Coagulase-Negative Staphylococcus, Oxacillin Sensitive

Levofloxacin	Rifampin
Nitrofurantoin	Tetracycline
Oxacillin ¹	

Coagulase-Negative Staphylococcus, Oxacillin Resistant

Levofloxacin	Rifampin
Linezolid	Tetracycline
Nitrofurantoin	Vancomycin
Oxacillin	

Enterococcus

Ampicillin	Tetracycline
Levofloxacin	(Linezolid)
Nitrofurantoin	(Vancomycin)

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

Ampicillin	Trim/Sulfa
Cefazolin	(Amikacin)
Ciprofloxacin	(Aztreonam)
Gentamicin	(Cefepime)
Levofloxacin	(Ceftazidime)
Nitrofurantoin	(Ceftriaxone)
Tetracycline	(Meropenem)
Tobramycin	(Pip/Tazo)

P. aeruginosa

Aztreonam	Ticar/Clav
Ceftazidime	Tobramycin
Ciprofloxacin	(Amikacin)
Gentamicin	(Cefepime)
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	Trim/Sulfa
Ceftriaxone	(Amikacin)
Ciprofloxacin	(Aztreonam)
Levofloxacin	(Cefepime)
Gentamicin	(Meropenem)
Pip/Tazo	(Minocycline)
Tobramycin	(Ticar/Clav)

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/Sulb, Ampicillin/Sulbactam (Unasyn); Pip/Tazo, Piperacillin/Tazobactam; 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.