Marshfield Labs™
A division of Marshfield Clinic

Antibiotic Panels - Non-Urine Isolates

S. aureus, Oxacillin Sensitive

Cefazolin[1]	Oxacillin
Clindamycin[1]	Penicillin
Erythromycin[1]	Trim/Sulfa
Levofloxacin[1,2]	

S. aureus, Oxacillin Resistant

Clindamycin[1]	Rifampin
Erythromycin[1]	Trim/Sulfa
Levofloxacin[1,2]	Tetracycline[1]
Oxacillin	Vancomycin

Coagulase-Negative Staphylococcus, Oxacillin Sensitive

Cefazolin[1]	Oxacillin
Erythromycin[1]	Penicillin
Levofloxacin[1,2]	

Coagulase-Negative Staphylococcus, Oxacillin Resistant

Erythromycin[1]	Oxacillin
Levofloxacin[1,2]	Vancomycin

Enterococcus

Ampicillin	(Linezolid)
Vancomycin	(Quin/Dalfo)

Beta Hemolytic Streptococcus Blood, CSF, normally sterile fluids

Ceftriaxone	Penicillin

Beta Hemolytic Streptococcus Tissues and Wounds

Ceftriaxone	Penicillin
Clindamycin	Erythromycin

Group B Streptococcus, Urogenital Sites

Clindamycin	Erythromycin
Penicillin	

S. pneumoniae, Blood and CSF

Ceftriaxone	Penicillin

S. pneumoniae, non-Blood or CSF

Erythromycin	(Ceftriaxone)
Penicillin	(Levofloxacin)
Trim/Sulfa	

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

Ampicillin	(Amp/Sulb)
Cefazolin[1]	(Cefepime)
Ciprofloxacin[1]	(Ceftazidime)
Gentamicin	(Ceftriaxone)
Levofloxacin[1]	(Cefuroxime)
Tetracycline[1]	(Imipenem)
Trim/Sulfa	(Pip/Tazo)
(Amikacin)	(Tobramycin)

P. aeruginosa

Aztreonam	(Amikacin)
Ceftazidime	(Cefepime)
Ciprofloxacin[1]	(Imipenem)
Gentamicin	(Meropenem)
Levofloxacin[1]	
Pip/Tazo	
Tobramycin	

S. maltophilia

Ceftazidime	Trim/Sulfa
Levofloxacin[1]	Ticar/Clav

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

Ceftazidime	Pip/Tazo
Ceftriaxone	Trim/Sulfa
Ciprofloxacin[1]	(Amikacin)
Levofloxacin[1]	(Imipenem)
Gentamicin	(Tobramycin)
Piperacillin	

[1] Not reported on CSF isolates.

[2] Levofloxacin is not reported on blood culture isolates for this organism.

Amp/Sulb, 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.