

**SUSCEPTIBILITY TESTING
ANTIMICROBIAL PANELS**

GRAM NEGATIVE BACILLI, FERMENTERS, excluding Salmonella, Shigella, Aeromonas	PSEUDOMONAS AERUGINOSA	NONFERMENTERS Acinetobacter Pseudomonas sp, not aeruginosa Nonfastidious nonfermenters	AEROMONAS
Trimethoprim/sulfa Ampicillin Cefazolin Gentamicin Ceftriaxone Ceftizoxime Ceftazidime Ciprofloxacin Piperacillin/tazobactam Imipenem Tobramycin Aztreonam Ampicillin/sulbactam Cefepime <u>Urine isolates, add:</u> Nitrofurantoin	Gentamicin Ceftazidime Ciprofloxacin Piperacillin/tazo Imipenem Tobramycin Cefepime	Trimethoprim/sulfa Gentamicin Ceftazidime Ciprofloxacin Piperacillin/tazobactam Imipenem Tobramycin <u>STENOTROPHOMONAS BURKHOLDERIA CEPACIA</u> Trimethoprim/sulfa Levofloxacin Ceftazidime Ticarcillin/clavulanate	Trimethoprim/sulfa Gentamicin Ceftriaxone Ceftazidime Ciprofloxacin Piperacillin/tazobactam Imipenem Tobramycin Ampicillin/sulbactam SALMONELLA/SHIGELLA Trimethoprim/sulfa Ampicillin Ciprofloxacin <u>Non-Intestinal, add:</u> Ceftriaxone Ceftazidime

STAPHYLOCOCCUS	ENTEROCOCCUS	STREPTOCOCCUS PNEUMONIAE
<p>Penicillin Oxacillin Erythromycin (not on urine) Clindamycin (not on urine) Tetracycline Cefazolin Vancomycin Levofloxacin Moxifloxacin - (Methicillin-Susceptible <i>S.aureus</i> only) Trimethoprim/sulfa - <i>S.aureus</i> only</p> <p><u>Urine isolates, also:</u> Nitrofurantoin</p> <p><u>MRSA, also:</u> Rifampin Linezolid (blood, csf, pleural fluid, and joint fluid isolates)</p> <p><u>Eye isolates, also:</u> Gentamicin</p>	<p>Ampicillin Vancomycin Gentamicin Synergy Streptomycin Synergy</p> <p><u>Urine isolates, also:</u> Nitrofurantoin Levofloxacin</p> <p><u>VRE: blood, csf, pleural fluid, and joint fluid isolates, also:</u> Quinupristin/dalfopristin (Synercid) Linezolid</p>	<p><u>CSF isolates:</u> Penicillin Vancomycin Ceftriaxone</p> <p><u>Blood, Eye, Tissue, Sterile Body Fluid and other critical source isolates:</u> Penicillin Clarithromycin Trimethoprim/sulfa Vancomycin Moxifloxacin Ceftriaxone Azithromycin</p> <p><u>Sputum, Bronch, Sinus, Ear, and other Non-sterile site isolates:</u> Screened for Penicillin resistance.</p> <p>If Penicillin resistant by screen, same antimicrobial panel tested as critical source isolates.</p>

STREPTOCOCCUS, Other species	HAEMOPHILUS all species	ANAEROBES (By Special Request Only)
<p>Penicillin Erythromycin Clindamycin Vancomycin Ceftriaxone</p> <p><u>Eye isolates, also:</u> Clarithromycin</p>	<p><u>Blood and CSF isolates:</u> Ampicillin Ceftriaxone</p> <p><u>Other sources:</u> Ampicillin Ceftriaxone Trimethoprim/Sulfa Amoxicillin/clavulanic acid Cefuroxime Azithromycin Clarithromycin (eye only)</p>	<p>Penicillin Piperacillin Ampicillin/sulbactam Clindamycin Cefotetan Imipenem Metronidazole Tetracycline</p> <p>The clinical utility of MICs performed on these isolates is controversial. Clinical judgment should be exercised.</p>