

**ANTIMICROBIAL PANELS FOR SUSCEPTIBILITY TESTING**

<b>GRAM NEGATIVE                      BACILLI, FERMENTERS,                      excluding Salmonella,                      Shigella, Aeromonas</b>	<b>PSEUDOMONAS                      AERUGINOSA</b>	<b>NONFERMENTERS                      Stenotrophomonas                      Acinetobacter                      Pseudomonas sp, not aeruginosa                      Nonfastidious nonfermenters</b>	<b>AEROMONAS</b>			
Trimethoprim/sulfa Ampicillin Cefazolin Levofloxacin Gentamicin Ceftriaxone Ceftazidime Ciprofloxacin Piperacillin/tazobactam Imipenem Tobramycin Aztreonam Ampicillin/sulbactam Cefepime  <u>Urine isolates, add:</u> Nitrofurantoin	Levofloxacin Gentamicin Ceftazidime Ciprofloxacin Piperacillin/tazo Imipenem Tobramycin Aztreonam Cefepime	Trimethoprim/sulfa Levofloxacin Gentamicin Ceftazidime Ciprofloxacin Piperacillin/tazobactam Imipenem Tobramycin	<table border="1"> <tr> <td data-bbox="1175 485 1498 890">                             Trimethoprim/sulfa                              Levofloxacin                              Gentamicin                              Ceftriaxone                              Ceftazidime                              Ciprofloxacin                              Piperacillin/tazobactam                              Imipenem                              Tobramycin                              Ampicillin/sulbactam                         </td> </tr> <tr> <td data-bbox="1175 890 1498 1058"> <b>SALMONELLA                              SHIGELLA</b> </td> </tr> <tr> <td data-bbox="1175 1058 1498 1381">                             Trimethoprim/sulfa                              Ampicillin                              Levofloxacin                              Ciprofloxacin   <u>Non-Intestinal, add:</u>                              Ceftriaxone                              Ceftazidime                         </td> </tr> </table>	Trimethoprim/sulfa Levofloxacin Gentamicin Ceftriaxone Ceftazidime Ciprofloxacin Piperacillin/tazobactam Imipenem Tobramycin Ampicillin/sulbactam	<b>SALMONELLA                              SHIGELLA</b>	Trimethoprim/sulfa Ampicillin Levofloxacin Ciprofloxacin  <u>Non-Intestinal, add:</u> Ceftriaxone Ceftazidime
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<b>SALMONELLA                              SHIGELLA</b>						
Trimethoprim/sulfa Ampicillin Levofloxacin Ciprofloxacin  <u>Non-Intestinal, add:</u> Ceftriaxone Ceftazidime						

STAPHYLOCOCCUS	ENTEROCOCCUS	STREPTOCOCCUS PNEUMONIAE
<p>Penicillin Oxacillin Erythromycin Clindamycin Tetracycline Trimethoprim/sulfa Cefazolin Vancomycin Levofloxacin Gatifloxacin</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>Penicillin Vancomycin Gentamicin Synergy Streptomycin Synergy</p> <p><u>Urine isolates, also:</u> Nitrofurantoin Levofloxacin Gatifloxacin</p> <p><u>Blood and CSF isolates, also:</u> Beta lactamase</p> <p><u>VRE: blood, csf, pleural fluid, and joint fluid isolates, also:</u> Beta lactamase 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 Gatifloxacin 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 including Groups B & D	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> Beta lactamase Ampicillin Ceftriaxone</p> <p><u>Other sources, also:</u> Trimethoprim/Sulfa Gatifloxacin Amoxicillin/clavulanic acid Cefuroxime Azithromycin</p> <p><u>Eye isolates, also:</u> Clarithromycin</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 judgement should be exercised.</p>