

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report
 % Susceptible | **All Clients, Blood/Systemic Isolates**† | January 2016 - December 2016

Gram Positive	Total	Penicillin(8)	Ampicillin	Oxacillin(3)	Amoxicillin/Clavulanate	Cefotaxime(8)	Ceftriaxone(8)	Meropenem	Gentamicin	Ciprofloxacin(6)	Levofloxacin(6)	Moxifloxacin	Trimethoprim/Sulfa	Clindamycin(4)	Daptomycin(5)	Erythromycin(4)	Nitrofurantoin(1)	Linezolid(2)	Vancomycin	Tetracycline(6)	Gentamicin Synergy(7)	Streptomycin Synergy(7)	Penicillin (non-CSF)(8)	Penicillin V (oral)(8)	Cefotaxime (non-CSF)(8)	Ceftriaxone (non-CSF)(8)
<i>Staph. aureus</i> (MSSA) 53%	10*	--	--	100	--	--	--	--	100	90	90	90	100	80	100	80	--	100	100	100	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 47%	9*	--	--	0	--	--	--	--	100	11	33	56	100	44	100	0	--	100	100	100	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	34	--	--	41	--	--	--	--	74	41	41	56	65	68	100	50	--	100	100	85	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	8*	71	--	--	86	71	86	86	--	--	100	--	71	86	--	71	--	--	100	71	--	--	100	88	100	100
<i>Enterococcus faecalis</i>	9*	100	100	--	--	R	R	--	--	78	89	--	R	R	100	--	--	100	100	44	100	100	--	--	--	--
<i>Enterococcus faecium</i>	0	--	--	--	--	R	R	--	--	--	--	--	R	R	--	--	--	--	--	--	--	--	--	--	--	--
<i>Enterococcus spp.</i>	0	--	--	--	--	R	R	--	--	--	--	--	R	R	--	--	--	--	--	--	--	--	--	--	--	--

† The % susceptible for each organism/antimicrobial combination was generated by including the first isolate of that organism encountered on a given patient.

R Organism has intrinsic resistance to this antimicrobial.

-- Not tested/indicated for organism.

* Antibiograms created for organisms with less than 30 total isolates are of questionable statistical significance. Interpret data with caution.

(1) Nitrofurantoin is reported for urine sources only.

(2) Linezolid is not indicated for urinary sources.

(3) Oxacillin predicts susceptibility to most cephalosporins, carbapenems, and beta-lactam/beta-lactamase inhibitors.

(4) For *Staphylococcus spp.*: clindamycin and erythromycin are reported for non-urine sources only.

(5) For *Staphylococcus spp.*: daptomycin is reported for non-respiratory sources only.

(6) For all *Enterococcus spp.*: ciprofloxacin, levofloxacin, and tetracycline are reported for urine sources only.

(7) For *E. faecalis* and *E. faecium*: gentamicin and streptomycin high-level resistance testing is reported in blood sources only.

(8) For *S. pneumoniae*: cefotaxime, ceftriaxone, and penicillin % susceptible listed is based on parenteral CSF (meningitis), parenteral non-CSF, and oral MIC breakpoints.

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Gram Negative	Total	Ampicillin	Ampicillin/Sulbactam	Piperacillin/Tazobactam	Cefazolin	Cefuroxime	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Aztreonam	Ertapenem	Meropenem	Amikacin	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Trimethoprim/Sulfa	Nitrofurantoin(1)	Tetracycline(2)
<i>Escherichia coli</i>	31	61	71	100	94	90	94	94	94	94	100	94	100	100	100	100	100	74	74	81	--	81
<i>Klebsiella pneumoniae</i>	7*	R	86	100	86	86	100	100	100	100	100	100	100	100	100	100	100	100	100	100	--	86
<i>Proteus mirabilis</i>	5*	40	40	100	80	100	100	100	100	80	100	100	100	100	100	60	60	60	60	20	R	R
<i>Enterobacter aerogenes</i>	2*	R	R	100	R	R	50	100	100	100	R	100	100	100	100	100	100	100	100	100	--	50
<i>Enterobacter cloacae</i>	4*	R	R	100	R	R	75	75	75	100	R	75	100	100	100	100	100	100	100	100	--	100
<i>Serratia marcescens</i>	2*	R	R	100	R	R	100	100	100	100	R	100	100	100	100	100	100	100	100	100	R	0
<i>Pseudomonas aeruginosa</i>	3*	R	R	100	R	R	R	67	R	67	R	33	R	100	100	100	100	100	100	R	--	R
<i>Acinetobacter baumannii</i>	0	R	--	--	R	R	--	--	--	--	R	R	R	--	--	--	--	--	--	--	--	--
<i>Citrobacter freundii</i>	2*	R	R	100	R	R	50	50	50	100	R	50	100	100	100	100	100	100	100	100	--	100
<i>Morganella morganii</i>	0	R	--	--	R	R	--	--	--	--	--	--	--	--	--	--	--	--	--	--	R	R
<i>Providencia spp.</i>	1*	R	0	100	R	100	100	100	100	100	100	100	100	100	100	0	0	0	0	100	R	R
<i>Shigella spp.</i>	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<i>Stenotrophomonas</i>	0	R	R	R	R	R	R	--	R	--	R	R	R	R	R	R	R	--	--	--	--	R
<i>Klebsiella oxytoca</i>	1*	0	0	100	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	--	100
<i>Haemophilus influenzae</i>	0	Beta-lactamase positive: --%																				

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(1) Nitrofurantoin is reported for urine sources only.

(2) For *A. baumannii*: tetracycline is reported for urine sources only.