

Physicians Laboratory Services Cumulative Antimicrobial Susceptibility Report  
 % Susceptible | **All Clients, Other Isolates**† | January 2015 - December 2015

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) 64%	833	--	--	100	--	--	--	--	99	89	90	96	100	78	100	64	--	100	100	94	--	--	--	--	--	--
<i>Staph. aureus</i> (MRSA) 36%	535	--	--	0	--	--	--	--	99	39	41	80	99	72	100	10	--	100	100	95	--	--	--	--	--	--
<i>Staph. spp.</i> (coagulase-negative)	195	--	--	64	--	--	--	--	94	82	84	87	81	73	100	53	--	100	100	87	--	--	--	--	--	--
<i>Strep. pneumoniae</i>	53	58	--	--	89	83	81	75	--	--	100	--	72	89	--	51	--	--	100	83	--	--	91	57	89	94
<i>Enterococcus faecalis</i>	238	100	100	--	--	R	R	--	--	77	82	--	R	R	100	--	--	100	97	29	--	--	--	--	--	--
<i>Enterococcus faecium</i>	9*	33	33	--	--	R	R	--	--	0	44	--	R	R	100	--	--	100	56	33	--	--	--	--	--	--
<i>Enterococcus spp.</i>	13*	92	92	--	--	R	R	--	--	77	92	--	R	R	100	--	--	100	92	62	--	--	--	--	--	--

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

**"Other Isolates" includes isolates from body sites other than urine and blood such as wound, tissue, genital, body fluid, stool, and respiratory.**

R Organism has intrinsic resistance to this antimicrobial.

-- Not tested/indicated for organism.

\* Antibigrams 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>	187	51	55	97	83	89	94	93	94	96	92	94	100	100	100	88	89	75	75	80	--	78
<i>Klebsiella pneumoniae</i>	65	R	83	97	86	86	94	94	94	94	94	94	100	100	100	100	97	95	100	94	--	86
<i>Proteus mirabilis</i>	74	82	86	100	92	99	100	100	100	100	96	99	100	100	100	82	86	59	64	77	R	R
<i>Enterobacter aerogenes</i>	23*	R	R	87	R	R	83	78	87	100	R	83	100	100	100	100	100	78	83	96	--	87
<i>Enterobacter cloacae</i>	82	R	R	93	R	R	89	91	88	100	R	91	100	100	100	100	100	100	99	98	--	91
<i>Serratia marcescens</i>	42	R	R	95	R	R	98	98	98	100	R	95	100	100	100	98	100	83	98	98	R	29
<i>Pseudomonas aeruginosa</i>	243	R	R	96	R	R	R	91	R	85	R	72	R	87	95	82	93	72	70	R	--	R
<i>Acinetobacter baumannii</i>	20*	R	85	--	R	R	60	85	75	90	R	R	R	85	90	75	70	75	80	65	--	70
<i>Citrobacter freundii</i>	17*	R	0	100	R	R	94	94	94	100	R	94	100	100	100	100	100	100	100	94	--	94
<i>Morganella morganii</i>	24*	R	17	100	R	R	96	96	100	100	R	100	100	100	100	92	96	79	88	67	R	R
<i>Providencia spp.</i>	12*	R	42	100	R	83	92	83	92	100	83	100	92	100	100	100	92	67	67	92	R	R
<i>Shigella spp.</i>	6*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	50	--	--
<i>Stenotrophomonas</i>	23*	R	R	R	R	R	R	78	R	--	R	R	R	R	R	R	R	--	87	100	--	R
<i>Klebsiella oxytoca</i>	37	14	68	95	57	92	97	97	95	97	95	95	100	100	100	95	97	97	97	97	--	92
<i>Haemophilus influenzae</i>	62	Beta-lactamase positive: 40%																				

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(1) Nitrofurantoin is reported for urine sources only.

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