

2015 Antimicrobial Susceptibility Report

ALL PATIENT DATA

PeaceHealth Sacred Heart Medical Center at RiverBend

Cumulative data from Jan.1 - Dec. 31, 2015

This antibiogram was created in compliance with CLSI document M39-A4 "Analysis and Presentation of Cumulative Antimicrobial Susceptibility Test Data; Approved Guideline" - Fourth Edition, January 2014.



peacehealthlabs.org/antibiograms

800-826-3616

16-LABO-089 021916

Gram-Negative (percent susceptible)

	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Klebsiella pneumoniae</i>	<i>Klebsiella oxytoca</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# isolates	55	39	132	685	322	76	135	235	48	50
Amikacin	100	100	100	100	100	100	100	95	100	-
Amoxicillin/ clavulanic acid	R	R	R	81	98	86	99	-	R	-
Ampicillin	R	R	R	54	R	R	64	-	R	-
Cefepime (1)	100	100	99	98	100	100	100	87	100	-
Cefoxitin	R	R	R	87	97	100	93	-	R	-
Ceftazidime (2)			92	95	99	100	100	89	100	45
Ceftriaxone	85	82	84	92	99	91	98	-	96	-
Ciprofloxacin	89	100	98	79	97	97	64	83	92	-
Ertapenem (3)	98	100	98	100	100	100	99	-	100	-
Gentamicin	89	100	98	92	98	99	81	84	100	-
Imipenem								91		-
Levofloxacin	89	100	98	79	98	97	65	84	92	92
Meropenem (3)	100	100	100	100	99	100	100	97	100	-
Nitrofurantoin (4)	88		29	94	37	81	R	-	R	-
Piperacillin/ tazobactam	91	82	85	96	99	88	100	97		-
Tetracycline (4)	66	89	86	75	89	84	R	-		-
Tobramycin	91	100	98	92	98	99	89	98	96	-
Trimethoprim/ sulfamethoxazole	71	100	91	77	96	93	61	-	98	98

(1) For *Pseudomonas aeruginosa*, interpretive criteria for cefepime are based on a dosage regimen of 1 gram every 8 hours or 2 grams every 12 hours; (2) For *Pseudomonas aeruginosa*, the interpretive criteria for ceftazidime are based on a dosage regimen of 1 gram every 6 hours or 2 grams every 8 hours; (3) For Enterobacteriaceae, the interpretive criteria for ertapenem and meropenem are based on a dosage regimen of 1 gram per day for ertapenem and 1 gram every 8 hours for meropenem; (4) Applicable to urine isolates only; dash (-) = inappropriate drug or not tested; blank = <30 isolates tested. R = intrinsically resistant.

Note: Susceptibility data is only reported when 30 or more isolates were tested.

Gram-Positive (percent susceptible)

	<i>Enterococcus faecalis</i>	<i>Enterococcus faecium</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>
# isolates	377	48	515	648	352	68	35	89
Ampicillin	100	29	-	-	-	-	-	-
Cefazolin (1)	-	-	0	100	45	-	-	-
Cefotaxime	-	-	-	-	-	100	100	100
Ceftriaxone	-	-	-	-	-	100	100	100
Clindamycin	-	-	50	86	51	48	86	75
Erythromycin	-	-	6	71	32	49	71	72
Gentamicin	-	-	99	99	82	-	-	-
Levofloxacin	-	-	-	-	-	98	100	100
Nitrofurantoin (2)	99		91	100	100	-	-	-
Oxacillin	-	-	0	100	45	-	-	-
Penicillin (3)	-	-	-			100	100	100
Tetracycline			97	97	84	21	83	74
Trimethoprim/ sulfamethoxazole	-	-	99	99	54	-	79	-
Vancomycin	99	49	100	100	100	100	100	100

(1) Deduced from oxacillin results; (2) Applicable to urine isolates only; (3) *Streptococcus pneumoniae* percent susceptible based on 81 isolates; MRSA=Methicillin-resistant *Staphylococcus aureus*; MSSA = Methicillin-susceptible *Staphylococcus aureus*; dash (-) = inappropriate drug or not tested; blank = <30 isolates tested.

Note: Susceptibility data is only reported when 30 or more isolates were tested.

% MRSA = 44%