

2016 Antimicrobial Susceptibility Report

ALL PATIENT DATA

PeaceHealth Sacred Heart Medical Center at RiverBend

Cumulative data from Jan.1 – Dec. 31, 2016

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

17-LABO-182 031917



Gram-Negative (percent susceptible)

	<i>Citrobacter freundii</i>	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>	<i>Escherichia coli</i>	<i>Klebsiella oxytoca</i>	<i>Klebsiella pneumoniae</i>	<i>Proteus mirabilis</i>	<i>Pseudomonas aeruginosa</i>	<i>Serratia marcescens</i>	<i>Stenotrophomonas maltophilia</i>
# isolates	44	49	113	1547	88	367	148	253	52	35
Amikacin	100	100	98	100	100	100	100	95	100	-
Amoxicillin/clavulanic acid	R	R	R	87	97	96	99	-	R	-
Ampicillin	R	R	R	62	R	R	76	-	R	-
Cefepime (1)	100	100	93	99	100	99	100	93	100	-
Cefoxitin	R	R	R	92	97	95	89	-	R	-
Ceftazidime (2)			80	96	98	97	100	92	100	20
Ceftriaxone	75	82	79	94	97	98	99	-	100	-
Ciprofloxacin	91	100	98	85	99	97	79	83	98	-
Ertapenem (3)	100	100	98	99	100	99	100	-	100	-
Gentamicin	98	100	96	95	95	97	89	87	100	-
Imipenem	-	-	-	-	-	-	-	94	-	-
Levofloxacin	91	100	98	85	99	97	80	82	100	86
Meropenem (3)	100	100	99	100	100	99	100	93	98	-
Nitrofurantoin (4)	100		49	97	90	39	R	-	R	-
Piperacillin/tazobactam	86	84	81	98	97	96	100	97	-	-
Tetracycline	82	97	93	82	92	86	R	-	-	-
Tobramycin	95	100	95	94	95	97	93	97	87	-
Trimethoprim/sulfamethoxazole	86	100	90	82	94	94	75	-	98	94

(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 species</i>	MRSA	MSSA	<i>Staphylococcus epidermidis</i>	<i>Streptococcus agalactiae</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>
# isolates	165	283	657	796	311	97	50	80
Ampicillin	99	86	-	-	-	-	-	-
Cefazolin (1)	-	-	0	100	44	-	-	-
Cefotaxime	-	-	-	-	-	100	98	100
Ceftriaxone	-	-	-	-	-	100	98	100
Clindamycin	-	-	52	83	56	56		85
Erythromycin	-	-	10	74	36	46		83
Gentamicin	-	-	99	99	86	-	-	-
Levofloxacin	-	-	-	-	-	96	98	98
Nitrofurantoin (2)	95	91			97	-	-	-
Oxacillin	-	-	0	100	44	-	-	-
Penicillin	-	-	-	-	-	100	98	100
Tetracycline	-	-	96	97	86	25		84
Trimethoprim/sulfamethoxazole	-	-	99	99	50	-		-
Vancomycin	99	89	100	100	100	100	100	100

(1) Deduced from oxacillin results; (2) Applicable to urine isolates only; 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 = 45%