

Staphylococcus aureus - NRS37

Other designations (LIM 3)

Demographic Information:			
Country/State:	France	Date of Isolation:	12/16/1995
Patient Age:	N/A	Gender:	N/A
Patient Location:	Inpatient	Patient Service:	Hematology/oncology
Culture Source:			
Literature Citation:	Ploy, et al. 1998. Lancet 351:1214.		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8	Teicoplanin = N/A	
Comment:	Donor site reported vancomycin MIC=8 ug/ml by agar dilution (SFM)		
Repositories:	Glycopeptide Intermediate Staphylococci		

NARSA Antimicrobial Susceptibility Data for Glycopeptides

Drug	Broth Microdilution		^a Conventional Estest 0.5 McFarland Std		^b Modified Estest 2 McFarland Std		^c BHI Agar Screen	Disk Diffusion	
	MIC ug/ml μg/mL	CLSI Interprtn	MIC μg/ml	CLSI Interprtn	MIC μg/ml	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 2	S	= 6	I	= 6	I	NG(72)	= 17	S
Teicoplanin:	= 4	S	= 12	I	= 16	I		= 15	S

S = Susceptible; R = Resistant; NS = Not Susceptible; I =Intermediate; N/A = Not Available P= Pending results

NARSA Antimicrobial Profile for Other Antimicrobial Agents			Molecular Characterization Data	
Drug	MIC ug/ml μg/mL	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 32	R	<i>vanA</i>	NEGATIVE
Daptomycin	= 2	N/A	<i>vanB</i>	NEGATIVE
Gentamicin	> 16	R	<i>vanC1</i>	NEGATIVE
Oxacillin	> 32	R	<i>vanC2</i>	NEGATIVE
Penicillin	> 8	R	<i>vanD</i>	NEGATIVE
Quinupristin/dalfopristin	= 0.5	S	<i>vanE</i>	NEGATIVE
Tetracycline	> 32	R	<i>mecA</i>	POSITIVE
Trimeth/sulfa	= 0.25/4.75	S		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	4
eGenomic <i>spa</i> repeats	YHFGFMBQBLO
Ridom <i>spa</i> type	t051
SCC <i>mec</i> type	I
Clonal Complex (CC)	8 (247)
Sequence Type (ST)	247
Genotype Data file	