

### Staphylococcus aureus - NRS68

Other designations ( N/A )

Demographic Information:			
Country/State:	United States / Kentucky	Date of Isolation:	04/02/2001
Patient Age:	23 Year(s)	Gender:	Female
Patient Location:	Outpatient	Patient Service:	Other surgery
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 4	Teicoplanin = N/A	
Comment:	N/A		
Repositories:	Glycopeptide Intermediate Staphylococci		

#### NARSA Antimicrobial Susceptibility Data for Glycopeptides

Drug	Broth Microdilution		<sup>a</sup> Conventional Etest 0.5 McFarland Std		<sup>b</sup> Modified Etest 2 McFarland Std		<sup>c</sup> BHI Agar Screen	Disk Diffusion	
	<del>MIC</del> MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn	MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn	MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
<b>Vancomycin:</b>	= 4	S	= 3	S	= 6	I	NG(72)	= 17	S
<b>Teicoplanin:</b>	= 2	S	= 3	S	= 8	S		= 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	<del>MIC</del> MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 16	R	<b>vanA</b>	NEGATIVE
Clindamycin	> 4	R	<b>vanB</b>	NEGATIVE
Daptomycin	= 0.5	N/A	<b>vanC1</b>	NEGATIVE
Erythromycin	> 8	R	<b>vanC2</b>	NEGATIVE
Gentamicin	= 1	S	<b>vanD</b>	NEGATIVE
Linezolid	= 2	S	<b>vanE</b>	NEGATIVE
Oxacillin	> 16	R	<b>mecA</b>	POSITIVE
Penicillin	= 1	R		
Quinupristin/dalfopristin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		

#### Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	2
eGenomic <i>spa</i> repeats	TJMBMDMGMK
Ridom <i>spa</i> type	t002
SCC <i>mec</i> type	II
Clonal Complex (CC)	5
Sequence Type (ST)	5
<a href="#">Genotype Data file</a>	