

### Staphylococcus aureus - NRS404

Other designations ( HIP13036 )

Demographic Information:			
Country/State:	United States / Connecticut	Date of Isolation:	01/07/2004
Patient Age:	N/A	Gender:	Male
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8	Teicoplanin = 8	
Comment:	VISA from Connecticut		
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	
	µg/mL MIC <del>(µg/ml)</del>	CLSI Interprtn	MIC µg/ml	CLSI Interprtn	MIC µg/ml	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:			= 8	I	= 16	I	CG(24)	15	S
Teicoplanin:			= 16	I	= 16	I		14	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	µg/mL MIC <del>(µg/ml)</del>	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 16	R	<i>vanA</i>	NEGATIVE
Clindamycin	= 0.06	S	<i>vanB</i>	NEGATIVE
Daptomycin	= 2	N/A	<i>vanC1</i>	NEGATIVE
Erythromycin	> 8	R	<i>vanC2</i>	NEGATIVE
Gentamicin	= 2	S	<i>vanD</i>	NEGATIVE
Linezolid	= 1	S	<i>vanE</i>	NEGATIVE
Oxacillin	> 16	R	<i>mecA</i>	POSITIVE
Penicillin	= 2	R		
Quinupristin/dalfopristin	= 0.25	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>	