

### Staphylococcus aureus - NRS126

Other designations ( N/A )

Demographic Information:			
Country/State:	United States / Massachusetts	Date of Isolation:	12/01/2000
Patient Age:	N/A	Gender:	N/A
Patient Location:	Inpatient	Patient Service:	N/A
Culture Source:			
Literature Citation:	Sakoulas G., et al. Antimicrob. Agents Chemother. 2002 May;46(5):1492-1502.		
Donor Reported MIC Results (ug/ml)	Vancomycin = 4	Teicoplanin = N/A	
Comment:	None		
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>pg/ml</del>	CLSI Interprtn	MIC μg/ml	CLSI Interprtn	MIC μg/ml	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
<b>Vancomycin:</b>	= 4	S	= 3	S	= 8	I	NG(72)	20	S
<b>Teicoplanin:</b>	= 2	S	= 1.5	S	= 6	S		20	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>pg/ml</del>	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 16	R	<i>vanA</i>	NEGATIVE
Clindamycin	> 4	R	<i>vanB</i>	NEGATIVE
Daptomycin	= 1	N/A	<i>vanC1</i>	NEGATIVE
Erythromycin	> 8	R	<i>vanC2</i>	NEGATIVE
Gentamicin	= 0.25	S	<i>vanD</i>	NEGATIVE
Linezolid	= 2	S	<i>vanE</i>	NEGATIVE
Oxacillin	> 16	R	<i>mecA</i>	POSITIVE
Penicillin	> 2	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>	