

Staphylococcus aureus - NRS18
Other designations (HIP06854)

Demographic Information:			
Country/State:	United States / New Jersey	Date of Isolation:	11/01/1998
Patient Age:	68 Year(s)	Gender:	Male
Patient Location:	Inpatient	Patient Service:	Medicine
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		^a Conventional Etest 0.5 McFarland Std		^b Modified Etest 2 McFarland Std		^c BHI Agar Screen	Disk Diffusion	
	µg/mL MIC (µg/ml)	CLSI Interprtn	MIC µg/ml	CLSI Interprtn	MIC µg/ml	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 4	S	= 6	I	= 16	I	IC(48)	= 16	S
Teicoplanin:	= 4	S	= 4	S	= 12	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	µg/mL MIC (µg/ml)	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 16	R	vanA	NEGATIVE
Daptomycin	= 1	N/A	vanB	NEGATIVE
Gentamicin	= 0.25	S	vanC1	NEGATIVE
Oxacillin	= 4	R	vanC2	NEGATIVE
Penicillin	= 1	R	vanD	NEGATIVE
Quinupristin/dalfopristin	<= 0.03	S	vanE	NEGATIVE
Tetracycline	= 0.25	S	mecA	POSITIVE
Trimeth/sulfa	<= 0.12/2.28	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
Genotype Data file	