

Staphylococcus aureus - NRS27
Other designations (HIP09433)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	05/01/2000
Patient Age:	77 Year(s)	Gender:	Female
Patient Location:	Inpatient ICU	Patient Service:	Medicine
Culture Source:	CSF		
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	= 4	S	= 8	I	NG(72)	= 17	S
Teicoplanin:	= 4	S	= 8	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	µg/mL MIC (µg/ml)	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 32	R	<i>vanA</i>	NEGATIVE
Daptomycin	= 1	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	= 0.25	S	<i>vanE</i>	NEGATIVE
Tetracycline	= 0.5	S	<i>mecA</i>	POSITIVE
Trimeth/sulfa	= 32/608	R		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	15
eGenomic <i>spa</i> repeats	A2AKEEMBKB
Ridom <i>spa</i> type	t004
SCC <i>mec</i> type	II
Clonal Complex (CC)	45
Sequence Type (ST)	45
Genotype Data file	