

***Staphylococcus aureus* - NRS17**
 Other designations (HIP06297; 98-489 smw)

Demographic Information:			
Country/State:	United States / New York	Date of Isolation:	03/20/1998
Patient Age:	79 Year(s)	Gender:	Male
Patient Location:	Inpatient	Patient Service:	N/A
Culture Source:			
Literature Citation:	Sierdzki, K., et al. 1999. The New England Journal of Medicine 340(7):517-523. Rotun,S.S.,et al. Jan-Feb 1999. Emerging Infectious Diseases, CDC 5(1):147-149.		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8		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:	= 8	I	= 12	I	= 16	I	CG(24)	= 16	S
Teicoplanin:	= 8	S	= 16	I	= 24	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 ~~(µg/mL)~~	CLSI Interprtn		PCR	Result
Ciprofloxacin	= 32	R		vanA	NEGATIVE
Daptomycin	= 2	N/A		vanB	NEGATIVE
Gentamicin	= 0.5	S		vanC1	NEGATIVE
Oxacillin	= 4	R		vanC2	NEGATIVE
Penicillin	= 4	R		vanD	NEGATIVE
Quinupristin/dalfopristin	= 0.25	S		vanE	NEGATIVE
Tetracycline	= 4	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
SCCmec type	II
Clonal Complex (CC)	5
Sequence Type (ST)	5
Genotype Data file	