

***Staphylococcus aureus* - NRS3**

Other designations (HIP5827)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	07/19/1997
Patient Age:	59 Year(s)	Gender:	Male
Patient Location:	Outpatient	Patient Service:	Cardiothoracic surgery
Culture Source:			
Literature Citation:	Smith, T.L., et al. 1999. The New England Journal of Medicine 340:493-501. Tenover, F.C., et al. 1998. Journal of Clinical Microbiology 36(4):1020-1027.		
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	CLSI Interpretn	~~µg/mL~~ MIC	CLSI Interpretn	~~µg/mL~~ MIC	CLSI Interpretn		Zone diam. (mm)	CLSI Interpretn
Vancomycin:	= 4	S	= 6	I	= 12	I	CG(24)	= 17	S
Teicoplanin:	= 8	S	= 12	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	CLSI Interpretn		PCR	Result
Ciprofloxacin	> 32	R		vanA	NEGATIVE
Daptomycin	= 2	N/A		vanB	NEGATIVE
Gentamicin	> 16	R		vanC1	NEGATIVE
Oxacillin	> 32	R		vanC2	NEGATIVE
Penicillin	> 8	R		vanD	NEGATIVE
Quinupristin/dalfopristin	= 0.5	S		vanE	NEGATIVE
Tetracycline	= 0.25	S		mecA	POSITIVE
Trimeth/sulfa	= 0.5/9.5	S			

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	12
eGenomic <i>spa</i> repeats	TJMGMK
Ridom <i>spa</i> type	t062
SCCmec type	II
Clonal Complex (CC)	5
Sequence Type (ST)	5
Genotype Data file	