

**Staphylococcus aureus - NRS4**

Other designations ( HIP5836 )

Demographic Information:			
Country/State:	United States / New Jersey	Date of Isolation:	08/06/1997
Patient Age:	66 Year(s)	Gender:	Male
Patient Location:	inpatient	Patient Service:	Medicine
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		<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	
	<del>MIC <math>\mu\text{g}/\text{mL}</math></del> MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn	MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn	MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 4	S	= 6	I	= 6	I	NG(72)	= 16	S
Teicoplanin:	= 8	S	= 8	S	= 16	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	<del>MIC <math>\mu\text{g}/\text{mL}</math></del> MIC $\mu\text{g}/\text{mL}$	CLSI Interprtn		PCR	Result
Ciprofloxacin	= 32	R		<i>vanA</i>	NEGATIVE
Daptomycin	= 1	N/A		<i>vanB</i>	NEGATIVE
Gentamicin	= 2	S		<i>vanC1</i>	NEGATIVE
Oxacillin	= 16	R		<i>vanC2</i>	NEGATIVE
Penicillin	= 4	R		<i>vanD</i>	NEGATIVE
Quinupristin/dalfopristin	= 0.25	S		<i>vanE</i>	NEGATIVE
Tetracycline	= 0.12	S		<i>mecA</i>	POSITIVE
Trimeth/sulfa	<= 0.12/2.28	S			

**Genotype Data**

Genotype	Result
eGenomic <i>spa</i> type	230
eGenomic <i>spa</i> repeats	TMBMDMGMK
Ridom <i>spa</i> type	t010
SCC <i>mec</i> type	II
Clonal Complex (CC)	5
Sequence Type (ST)	5

[Genotype Data file](#)