

Staphylococcus aureus - NRS52

Other designations (HIP09737)

Demographic Information:			
Country/State:	United States / California	Date of Isolation:	06/01/2000
Patient Age:	27 Year(s)	Gender:	Female
Patient Location:	Inpatient	Patient Service:	N/A
Culture Source:	Bile		
Literature Citation:	Hageman,Jeffrey, et al. Nov-Dec 2001. Emerging Infectious Diseases 7(6). Marlowe,E.M.,et al. 2001. Journal of Clinical Microbiology 39(7):2637-2639.		
Donor Reported MIC Results (ug/ml)	Vancomycin = 4	Teicoplanin = 8	
Comment:	Use small colony type		
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 Interprtn	MIC µg/ml	CLSI Interprtn	MIC µg/ml	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 4	S	= 4	S	= 16	I	CG(24)	= 17	S
Teicoplanin:	= 2	S	= 6	S	= 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 Interprtn	PCR	Result
Ciprofloxacin	> 32	R	<i>vanA</i>	NEGATIVE
Daptomycin	= 2	N/A	<i>vanB</i>	NEGATIVE
Gentamicin	= 0.5	S	<i>vanC1</i>	NEGATIVE
Oxacillin	= 0.12	S	<i>vanC2</i>	NEGATIVE
Penicillin	= 1	R	<i>vanD</i>	NEGATIVE
Quinupristin/dalfopristin	= 0.25	S	<i>vanE</i>	NEGATIVE
Tetracycline	= 0.5	S	<i>mecA</i>	NEGATIVE
Trimeth/sulfa	<= 0.12/2.28	S		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	24
eGenomic <i>spa</i> repeats	TJMEMDMGMK
Ridom <i>spa</i> type	t242
SCC <i>mec</i> type	-
Clonal Complex (CC)	5
Sequence Type (ST)	5

[Genotype Data file](#)