

Staphylococcus aureus - NRS76

Other designations (C2000001227)

Demographic Information:			
Country/State:	United States / Minnesota	Date of Isolation:	04/03/2000
Patient Age:	59 Year(s)	Gender:	Male
Patient Location:	Inpatient	Patient Service:	Medicine
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8	Teicoplanin = N/A	
Comment:	Donor site reported vancomycin MIC = 8 ug/ml by Etest.		
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	
	MIC MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 4	S	= 4	S	= 12	I	CG(24)	= 15	S
Teicoplanin:	= 4	S	= 8	S	= 12	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	MIC MIC $\mu\text{g/mL}$	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 16	R	vanA	NEGATIVE
Clindamycin	= 0.5	S	vanB	NEGATIVE
Daptomycin	= 2	N/A	vanC1	NEGATIVE
Erythromycin	> 8	R	vanC2	NEGATIVE
Gentamicin	= 1	S	vanD	NEGATIVE
Linezolid	= 2	S	vanE	NEGATIVE
Oxacillin	= 8	R	mecA	POSITIVE
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.25	S		
Trimeth/sulfa	<= 0.25/4.75	S		

Genotype Data	
Genotype	Result
eGenomic spa type	2
eGenomic spa repeats	TJMBMDMGMK
Ridom spa type	t002
SCCmec type	II
Clonal Complex (CC)	5
Sequence Type (ST)	5
Genotype Data file	