

Staphylococcus aureus - NRS403

Other designations (HIP13057)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	01/10/2004
Patient Age:	68 Year(s)	Gender:	Female
Patient Location:	Inpatient	Patient Service:	N/A
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8	Teicoplanin = 8	
Comment:	VISA from Michigan		
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:			= 6	I	= 16	I	CG(24)	16	S
Teicoplanin:			= 16	I	= 32	R		13	I

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	> 16	R	vanA	NEGATIVE
Clindamycin	> 4	R	vanB	NEGATIVE
Daptomycin	= 2	N/A	vanC1	NEGATIVE
Erythromycin	> 8	R	vanC2	POSITIVE
Gentamicin	= 0.12	S	vanD	NEGATIVE
Linezolid	= 1	S	vanE	NEGATIVE
Oxacillin	= 4	R	mecA	POSITIVE
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	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	