

Staphylococcus aureus - VRS5
Other designations (HIP15178)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	10/12/2005
Patient Age:	58 Year(s)	Gender:	Female
Patient Location:	Inpatient	Patient Service:	N/A
Culture Source:			
Literature Citation:			
Donor Reported MIC Results (ug/ml)	Vancomycin = 512		Teicoplanin = N/A
Comment:			
Repositories:	Glycopeptide Resistant 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	
	$\mu\text{g/mL}$ MIC pg/ml	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:			> 256	R	> 256	R	CG(24)	6	NS
Teicoplanin:			> 256	R	> 256	R		6	R

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	$\mu\text{g/mL}$ MIC pg/ml	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 16	R	vanA	POSITIVE
Clindamycin	> 4	R	vanB	NEGATIVE
Daptomycin	= 0.5	N/A	vanC1	NEGATIVE
Erythromycin	> 8	R	vanC2	NEGATIVE
Gentamicin	= 1	S	vanD	NEGATIVE
Linezolid	= 2	S	vanE	NEGATIVE
Oxacillin	> 16	R	mecA	POSITIVE
Penicillin	> 2	R	PVL	NEGATIVE
Quinupristin/dalfopristin	= 1	S		
Trimeth/sulfa	<= 0.25/4.75	S		