

Staphylococcus aureus - VRS4
Other designations (HIP14300)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	02/01/2005
Patient Age:	78 Year(s)	Gender:	Male
Patient Location:	Health Care Facility, Nursing Home	Patient Service:	Other surgery
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 256		Teicoplanin = N/A
Comment:	N/A		
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:	> 128	R	> 256	R	> 256	R	CG(24)	6	N/A
Teicoplanin:			= 128	R	> 256	R		10	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
Chloramphenicol	= 16	I	<i>vanA</i>	POSITIVE
Ciprofloxacin	> 16	R	<i>vanB</i>	NEGATIVE
Clindamycin	> 4	R	<i>vanC1</i>	NEGATIVE
Daptomycin	= 0.5	N/A	<i>vanC2</i>	NEGATIVE
Erythromycin	> 8	R	<i>vanD</i>	NEGATIVE
Gentamicin	= 0.5	S	<i>vanE</i>	NEGATIVE
Linezolid	= 2	S	<i>mecA</i>	POSITIVE
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Tetracycline	<= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		