

Staphylococcus aureus - VRS7
Other designations (AIS2006045)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	10/20/2006
Patient Age:	43 Year(s)	Gender:	Female
Patient Location:	Inpatient	Patient Service:	Medicine
Culture Source:			
Literature Citation:			
Donor Reported MIC Results (ug/ml)	Vancomycin = 512	Teicoplanin >=	N/A
Comment:	Debridement of necrotizing fasciitis of right arm		
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 ($\mu\text{g/ml}$)	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	> 64	R	> 256	R	> 256	R	CG(24)	6	NS
Teicoplanin:	= 8	S	= 24	I	= 48	R		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	$\mu\text{g/mL}$ MIC ($\mu\text{g/ml}$)	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 4	R	vanA	POSITIVE
Clindamycin	> 4	R	vanB	NEGATIVE
Daptomycin	= 0.25	N/A	vanC1	NEGATIVE
Erythromycin	> 8	R	vanC2	NEGATIVE
Gentamicin	= 0.25	S	vanD	NEGATIVE
Oxacillin	> 8	R	vanE	NEGATIVE
Quinupristin/dalfopristin	= 0.25	S	mecA	POSITIVE
Trimeth/sulfa	= 0.5/9.5	S	PVL	NEGATIVE