

Staphylococcus aureus - VRS8
Other designations (71080)

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	11/02/2007
Patient Age:	N/A	Gender:	Female
Patient Location:	N/A	Patient Service:	N/A
Culture Source:	foot wound		
Literature Citation:			
Donor Reported MIC Results (ug/ml)	Vancomycin > 512	Teicoplanin = 16	
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 ($\mu\text{g/ml}$)	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	> 256	R	> 256	R				6	NS
Teicoplanin:			= 32	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 ($\mu\text{g/ml}$)	CLSI Interprtn	PCR	Result
Chloramphenicol	= 4	S	<i>vanA</i>	POSITIVE
Ciprofloxacin	> 4	R	<i>vanB</i>	NEGATIVE
Clindamycin	> 4	R	<i>vanC1</i>	NEGATIVE
Daptomycin	= 0.25	N/A	<i>vanC2</i>	NEGATIVE
Erythromycin	> 8	R	<i>vanD</i>	NEGATIVE
Gentamicin	= 16	R	<i>vanE</i>	NEGATIVE
Linezolid	= 0.5	S	<i>mecA</i>	POSITIVE
Oxacillin	> 8	R	<i>PVL</i>	NEGATIVE
Penicillin	= 2	R		
Quinupristin/dalfopristin	= 0.25	S		
Rifampin (Rifampicin)	<= 0.25	S		
Tetracycline	<= 0.5	S		
Trimeth/sulfa	= 2/38	S		