

***Staphylococcus aureus* - VRS11a**
Other designations (AIS 1001095)

Demographic Information:			
Country/State:	United States / Delaware	Date of Isolation:	03/18/2010
Patient Age:	63 Year(s)	Gender:	Female
Patient Location:	Inpatient	Patient Service:	Surgery
Culture Source:	prosthetic knee drainage		
Literature Citation:			
Donor Reported MIC Results (ug/ml)	Vancomycin = 1024	Teicoplanin = N/A	
Comment:	VRS11a is a co-isolate with VRS11b isolated from the same patient at the same time. Both are mecA positive but have different oxacillin phenotypic profiles. 11a appears oxacillin susceptible by both MIC and cefoxitin disk diffusion criteria.		
Repositories:	Glycopeptide Resistant Staphylococci		

NARSA Antimicrobial Susceptibility Data for Glycopeptides

Drug	Broth Microdilution	
	MIC ug/ml µg/mL	CLSI Interprtn
Vancomycin:	> 256	R
Teicoplanin:	= 16	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	MIC ug/ml µg/mL	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 16	R	<i>vanA</i>	POSITIVE
Clindamycin	> 8	R	<i>vanB</i>	NEGATIVE
Daptomycin	= 0.25	S	<i>vanC1</i>	
Erythromycin	> 8	R	<i>vanC2</i>	
Gentamicin	= 4	S	<i>vanD</i>	
Linezolid	= 0.5	S	<i>vanE</i>	
Oxacillin	= 0.06	S	<i>mecA</i>	POSITIVE
Penicillin	= 0.5	R	<i>PVL</i>	NEGATIVE
Quinupristin/dalfopristin	= 0.25	S		
Rifampin (Rifampicin)	= 1	S		
Trimeth/sulfa	< 0.25/4.75	S		