

Staphylococcus aureus - VRS11b
Other designations (AID1001123)

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:	VRS11b is a co-isolate with VRS11a from the same patient and were isolated at the same time. Both are <i>mecA</i> positive but unlike VRS11a, VRS11b is phenotypically resistant to oxacillin by the cefoxitin disk diffusion test.		
Repositories:	Glycopeptide Resistant Staphylococci		

NARSA Antimicrobial Susceptibility Data for Glycopeptides

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