

Staphylococcus aureus - NRS118

Other designations (N/A)

Demographic Information:			
Country/State:	United States / California	Date of Isolation:	04/26/2002
Patient Age:	26 Year(s)	Gender:	Female
Patient Location:	Inpatient ICU	Patient Service:	Kidney transplant
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 4	Teicoplanin = N/A	
Comment:	This strain was a derivative of a colony growing on BHI agar plus 6ug/ml vancomycin. Use of colonies from primary plate yielded vancomycin MIC = 2 ug/ml.		
Repositories:	Glycopeptide Intermediate 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	
	µg/mL MIC Pg/ml	CLSI Interpretn	MIC µg/ml	CLSI Interpretn	MIC µg/ml	CLSI Interpretn		Zone diam. (mm)	CLSI Interpretn
Vancomycin:	= 8	I	= 8	I	= 24	I	CG(24)	16	S
Teicoplanin:	= 8	S	= 12	I	= 32	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	µg/mL MIC (Pg/ml)	CLSI Interpretn	PCR	Result
Ciprofloxacin	> 16	R	vanA	NEGATIVE
Clindamycin	> 4	R	vanB	NEGATIVE
Daptomycin	= 2	N/A	vanC1	NEGATIVE
Erythromycin	> 8	R	vanC2	NEGATIVE
Gentamicin	> 16	R	vanD	NEGATIVE
Linezolid	= 1	S	vanE	NEGATIVE
Oxacillin	> 16	R	mecA	POSITIVE
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Trimeth/sulfa	= 0.5/9.5	S		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	4
eGenomic <i>spa</i> repeats	YHFGFMBQBLO

Ridom <i>spa</i> type	t051
SCC<i>mec</i> type	I
Clonal Complex (CC)	8 (247)
Sequence Type (ST)	247
Genotype Data file	