

Staphylococcus aureus - NRS35

Other designations (LIM 1)

Demographic Information:			
Country/State:	France	Date of Isolation:	11/23/1995
Patient Age:	N/A	Gender:	N/A
Patient Location:	Inpatient	Patient Service:	Hematology/oncology
Culture Source:			
Literature Citation:	Ploy, et al. 1998. Lancet 351:1212.		
Donor Reported MIC Results (ug/ml)		Vancomycin = 2	Teicoplanin = N/A
Comment:	Donor site reported vancomycin MIC = 2 ug/ml by agar dilution (SFM)		
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 Interprtn	~~MIC µg/ml~~	CLSI Interprtn	~~MIC µg/ml~~	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 2	S	= 2	S	= 4	S	NG(72)	= 18	S
Teicoplanin:	= 1	S	= 1.5	S	= 4	S		= 18	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 Interprtn	PCR	Result
Ciprofloxacin	> 32	R	vanA	NEGATIVE
Daptomycin	= 0.5	N/A	vanB	NEGATIVE
Gentamicin	> 16	R	vanC1	NEGATIVE
Oxacillin	> 32	R	vanC2	NEGATIVE
Penicillin	> 8	R	vanD	NEGATIVE
Quinupristin/dalfopristin	= 16	R	vanE	NEGATIVE
Tetracycline	> 32	R	mecA	POSITIVE
Trimeth/sulfa	= 4/76	R		

Genotype Data	
Genotype	Result
eGenomic spa type	4
eGenomic spa repeats	YHFGFMBQBLO
Ridom spa type	t051
SCCmec type	I
Clonal Complex (CC)	8 (247)
Sequence Type (ST)	572
Genotype Data file	