

Staphylococcus aureus - NRS14

Other designations (SA MER-S20)

Demographic Information:			
Country/State:	France	Date of Isolation:	N/A
Patient Age:	35 Year(s)	Gender:	Female
Patient Location:	Outpatient	Patient Service:	Ophthalmology
Culture Source:	Eye		
Literature Citation:	Bobin-Dubreux, S., et al. 2001. Antimicrobial Agents and Chemotherapy 45:349-352.		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8	Teicoplanin = 16	
Comment:	A derivative of SA MER-S12 (NRS13)		
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	CLSI Interprtn	MIC µg/ml	CLSI Interprtn	MIC µg/ml	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 8	I	= 6	I	= 24	I	CG(24)	= 17	S
Teicoplanin:	= 32	R	= 32	R	= 64	R		= 11	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	µg/mL MIC	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 0.5	S	<i>vanA</i>	NEGATIVE
Daptomycin	= 4	N/A	<i>vanB</i>	NEGATIVE
Gentamicin	= 0.5	S	<i>vanC1</i>	NEGATIVE
Oxacillin	= 0.25	S	<i>vanC2</i>	NEGATIVE
Penicillin	= 1	R	<i>vanD</i>	NEGATIVE
Quinupristin/dalfopristin	= 0.5	S	<i>vanE</i>	NEGATIVE
Tetracycline	= 0.25	S	<i>mecA</i>	NEGATIVE
Trimeth/sulfa	<= 0.12/2.28	S		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	2
eGenomic <i>spa</i> repeats	TJMBMDMGMK
Ridom <i>spa</i> type	t002
SCC <i>mec</i> type	-
Clonal Complex (CC)	5
Sequence Type (ST)	5
Genotype Data file	