

Staphylococcus aureus - NRS54

Other designations (BR 15)

Demographic Information:			
Country/State:	Brazil	Date of Isolation:	11/07/1998
Patient Age:	8 Year(s)	Gender:	Male
Patient Location:	Inpatient	Patient Service:	Burn Unit
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 8	Teicoplanin = N/A	
Comment:	N/A		
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 (µg/ml)	CLSI Interprtn	MIC (µg/ml)	CLSI Interprtn	MIC (µg/ml)	CLSI Interprtn		Zone di am. (mm)	CLSI Interprtn
Vancomycin:	= 4	S	= 3	S	= 12	I	IC(48)	= 18	S
Teicoplanin:	= 4	S	= 4	S	= 12	I		= 15	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 (µg/ml)	CLSI Interprtn	PCR	Result
Ciprofloxacin	> 16	R	vanA	NEGATIVE
Clindamycin	> 4	R	vanB	NEGATIVE
Daptomycin	= 1	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	= 1	S		
Trimeth/sulfa	> 4/76	R		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	3
eGenomic <i>spa</i> repeats	WGKAOMQ
Ridom <i>spa</i> type	t037
SCC <i>mec</i> type	III
Clonal Complex (CC)	8 (239)
Sequence Type (ST)	239
Genotype Data file	