

Staphylococcus aureus - NRS28
Other designations (HIP09662)

Demographic Information:			
Country/State:	United States / West Virginia	Date of Isolation:	04/01/2000
Patient Age:	76 Year(s)	Gender:	Male
Patient Location:	Inpatient	Patient Service:	Medicine
Culture Source:			
Literature Citation:	N/A		
Donor Reported MIC Results (ug/ml)	Vancomycin = 4	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	
	$\mu\text{g/mL}$ MIC pg/ml	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 2	S	= 3	S	= 8	I	NG(72)	= 18	S
Teicoplanin:	= 2	S	= 4	S	= 8	S		= 17	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	$\mu\text{g/mL}$ MIC (pg/ml)	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 16	R	vanA	NEGATIVE
Daptomycin	= 2	N/A	vanB	NEGATIVE
Gentamicin	> 16	R	vanC1	NEGATIVE
Oxacillin	> 32	R	vanC2	NEGATIVE
Penicillin	= 8	R	vanD	NEGATIVE
Quinupristin/dalfopristin	= 0.25	S	vanE	NEGATIVE
Trimeth/sulfa	= 8/152	R	mecA	POSITIVE

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	7
eGenomic <i>spa</i> repeats	YHGCMBQBLO
Ridom <i>spa</i> type	t064
SCC <i>mec</i> type	IV
Clonal Complex (CC)	8
Sequence Type (ST)	8
Genotype Data file	