

Staphylococcus aureus - NRS39

Other designations (99.3795.V)

Demographic Information:			
Country/State:	Scotland	Date of Isolation:	05/19/1999
Patient Age:	N/A	Gender:	N/A
Patient Location:	Inpatient ICU	Patient Service:	Comm Discharge
Culture Source:	Urine		
Literature Citation:	Abstract WO2, FIS Meeting, Dec 2000.		
Donor Reported MIC Results ($\mu\text{g/ml}$)	Vancomycin = 8	Teicoplanin = N/A	
Comment:	Donor site reported vancomycin MIC=8 $\mu\text{g/ml}$ by Etest.		
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 ($\mu\text{g/ml}$)	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn	MIC $\mu\text{g/ml}$	CLSI Interprtn		Zone diam. (mm)	CLSI Interprtn
Vancomycin:	= 4	S	= 8	I	= 16	I	CG(24)	= 17	S
Teicoplanin:	= 16	I	= 24	I	= 64	R		= 12	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	$\mu\text{g/mL}$ MIC ($\mu\text{g/ml}$)	CLSI Interprtn	PCR	Result
Ciprofloxacin	= 16	R	<i>vanA</i>	NEGATIVE
Daptomycin	= 2	N/A	<i>vanB</i>	NEGATIVE
Gentamicin	> 16	R	<i>vanC1</i>	NEGATIVE
Oxacillin	> 32	R	<i>vanC2</i>	NEGATIVE
Penicillin	> 8	R	<i>vanD</i>	NEGATIVE
Quinupristin/dalfopristin	= 0.5	S	<i>vanE</i>	NEGATIVE
Tetracycline	= 32	R	<i>mecA</i>	POSITIVE
Trimeth/sulfa	= 0.5/9.5	S		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	40
eGenomic <i>spa</i> repeats	YFGFMBQBLO
Ridom <i>spa</i> type	t052
SCC <i>mec</i> type	I
Clonal Complex (CC)	8 (247)
Sequence Type (ST)	247
Genotype Data file	