

Staphylococcus aureus - NRS127

Other designations (N/A)

Demographic Information:			
Country/State:	United States / Tennessee	Date of Isolation:	08/14/2002
Patient Age:	87 Year(s)	Gender:	Male
Patient Location:	Inpatient	Patient Service:	CPU
Culture Source:	Sputum		
Phenotypic Properties:	Nonsusceptible to Linezolid		
Genotypic Properties:	N/A		
Lysotypic Properties:	N/A		
Propagation Information:	N/A		
Literature Citation:	N/A		
Comment:	Donor Site reported Microscan linezolid MIC > 4 ug/ml, Etest linezolid MIC = 8 ug/ml.		
Description:	Nonsusceptible to Linezolid		
Repositories:	Antibiotic Resistant Strains (other than Glycopeptide)		

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	MIC $\mu\text{g/mL}$ (ug/ml)	CLSI Interptn	PCR <i>mecA</i>	Result
Ciprofloxacin	> 16	R	POSITIVE	
Clindamycin	= 0.12	S		
Erythromycin	> 8	R		
Gentamicin	= 0.5	S		
Linezolid	= 8	NS		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 1	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 2	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	II
Clonal Complex (CC)	5
Sequence Type (ST)	5
Genotype Data file	