

**Staphylococcus aureus - NRS193**

Other designations ( C1999000193 )

Demographic Information:			
Country/State:	United States / Minnesota	Date of Isolation:	01/21/1999
Patient Age:	13 Year(s)	Gender:	Female
Patient Location:	Inpatient	Patient Service:	PICU
Culture Source:	Pleural fluid		
Phenotypic Properties:	Methicillin resistance		
Genotypic Properties:	PVL+, seb+		
Literature Citation:	CDC. MMWR August 20, 1999;48(32):707-710.		
Comment:	According to report in MMWR, NRS193 was closely related to NRS192, NRS194 and NRS123 by PFGE.		
Description:	Community-acquired MRSA, carrying gene for Panton-Valentine leukocidin; was associated with necrotizing pneumonia and severe sepsis.		
Repositories:	Known Clinically Associated Strains - Others		

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 ( <del>pg/ml</del> )	CLSI Interpntn	PCR <i>mecA</i>	Result
Ciprofloxacin	= 0.5	S	POSITIVE	
Clindamycin	= 0.12	S		
Erythromycin	= 0.5	S		
Gentamicin	= 1	S		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	194
eGenomic <i>spa</i> repeats	UJFKKPFKPE
Ridom <i>spa</i> type	t175
SCC <i>mec</i> type	IV
Clonal Complex (CC)	1
Sequence Type (ST)	1
<a href="#">Genotype Data file</a>	