

**Staphylococcus aureus - NRS383**

Other designations ( USA200; 96758 )

Demographic Information:			
Country/State:	United States / North Carolina	Date of Isolation:	N/A
Patient Age:	N/A	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	MRSA, also resistant to ERY, CLIN, TET, SXT, LEV, GM		
Genotypic Properties:	PFT is USA200, MLST is ST36, spa type is WGKAKAOMQQQ, SCCmec II, agr group III; tsst+, sea+		
Literature Citation:	JCM, 2003, 41:5113-5120.		
Comment:	N/A		
Description:	Second most common U.S. health care-associated PFT; EMRSA16 clone		
Repositories:	Known Clinically Associated Strains - Others Molecular Typing Control Strains		

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 <del>(µg/ml)</del>	CLSI Interptn	PCR	Result
			<i>mecA</i>	POSITIVE
Ciprofloxacin	> 16	R		
Clindamycin	> 4	R		
Daptomycin	= 0.5	N/A		
Erythromycin	> 8	R		
Gentamicin	> 16	R		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 1	S		
Teicoplanin	= 1	S		
Tetracycline	= 4	S		
Trimeth/sulfa	= 2/38	S		
Vancomycin	= 0.5	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	16
eGenomic <i>spa</i> repeats	WGKAKAOMQQQ
Ridom <i>spa</i> type	t018
SCCmec type	II
Clonal Complex (CC)	30 (36)
Sequence Type (ST)	36 - SLV
<a href="#">Genotype Data file</a>	