

Staphylococcus aureus - NRS385

Other designations (USA500; 95938)

Demographic Information:

Country/State:	United States / Connecticut	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 USA500, MLST is ST8, spa type is YHGCMBQBLO, SCCmec IV, agr group I; sea+, seb+		
Literature Citation:	JCM, 2003, 41:5113-5120		
Comment:	N/A		
Description:	Healthcare-related MRSA		
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	MIC ($\mu\text{g/ml}$)	CLSI Interpretn	PCR <i>mecA</i>	Result
Ciprofloxacin	> 16	R		POSITIVE
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	= 64	R		
Trimeth/sulfa	> 4/76	R		
Vancomycin	= 1	S		

Genotype Data

Genotype	Result
eGenomic spa type	7
eGenomic spa repeats	YHGCMBQBLO
Ridom spa type	t064
SCCmec type	IV
Clonal Complex (CC)	8
Sequence Type (ST)	8