

Staphylococcus aureus - NRS382

Other designations (USA100; 626)

Demographic Information:			
Country/State:	United States / Ohio	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, LEV		
Genotypic Properties:	PFT is USA100, MLST is ST5, spa type is TJMBMDMGMK, SCCmec II, agr group II; sed+		
Literature Citation:	JCM, 2003, 41:5113-5120.		
Comment:	N/A		
Description:	Predominate U.S. hospital associated PFT, also known as the New York/Japan 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	$\mu\text{g/mL}$ MIC (pg/ml)	CLSI Interptn	PCR	Result
			<i>mecA</i>	POSITIVE
Ciprofloxacin	= 16	R		
Clindamycin	> 4	R		
Daptomycin	= 1	N/A		
Erythromycin	> 8	R		
Gentamicin	= 0.25	S		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Teicoplanin	= 2	S		
Trimeth/sulfa	= 0.5/9.5	S		
Vancomycin	= 2	S		

Genotype Data	
Genotype	Result
eGenomic spa type	2
eGenomic spa repeats	TJMBMDMGMK
Ridom spa type	t002
SCCmec type	II
Clonal Complex (CC)	5
Sequence Type (ST)	5
Genotype Data file	