

Staphylococcus aureus - NRS153

Other designations (RN4850)

Demographic Information:			
Country/State:	United States	Date of Isolation:	N/A
Patient Age:	N/A	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	exfoliatin A agr group IV		
Genotypic Properties:	eta		
Lysotypic Properties:	eta phage		
Propagation Information:	any rich medium		
Literature Citation:	Jarraud, S.G., Lyon G.J., et al. "Exfoliatin-producing strains define a fourth agr specificity group in Staphylococcus aureus." J. Bacteriol 2000;182(22):6517-22.		
Comment:	N/A		
Description:	agr group IV prototype		
Repositories:	Research 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 ($\mu\text{g/ml}$)	CLSI Interptn	PCR	Result
			<i>mecA</i>	NEGATIVE
Ciprofloxacin	= 0.25	S		
Clindamycin	= 0.12	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.5	S		
Linezolid	= 2	S		
Oxacillin	= 0.25	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	312
eGenomic <i>spa</i> repeats	I2Z2EGMMJH2M
Ridom <i>spa</i> type	t159
SCC <i>mec</i> type	-
Clonal Complex (CC)	121
Sequence Type (ST)	121
Genotype Data file	