

***Staphylococcus aureus* - NRS151**
Other designations (NCTC8325 (RN6911))

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:	Tetracycline resistance		
Genotypic Properties:	agr::tetM, rsbU-		
Lysotypic Properties:	N/A		
Propagation Information:	any rich medium		
Literature Citation:	Novick, R.P., Ross H.F., et al. "Synthesis of staphylococcal virulence factors is controlled by a regulatory RNA molecule." EMBO J. 1993;12:3967-3975.		
Comment:	N/A		
Description:	agr locus in 8325-4 replaced by tetM; overproduces protein A.		
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	µg/mL MIC (ppm)	CLSI Interptn	PCR <i>mecA</i>	Result NEGATIVE
Ciprofloxacin	= 0.25	S		
Clindamycin	= 0.06	S		
Erythromycin	= 0.25	S		
Gentamicin	= 0.25	S		
Linezolid	= 1	S		
Oxacillin	= 0.25	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 1	S		
Tetracycline	= 32	R		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	59
eGenomic <i>spa</i> repeats	YHGGFMBQBLO
Ridom <i>spa</i> type	t211
SCC <i>mec</i> type	-
Clonal Complex (CC)	8
Sequence Type (ST)	8
Genotype Data file	