

***Staphylococcus aureus* - NRS144**
Other designations (NCTC8325 (RN4220))

Demographic Information:			
Country/State:	N/A	Date of Isolation:	N/A
Patient Age:	N/A	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	N/A		
Genotypic Properties:	rsbU-,agr-		
Lysotypic Properties:	N/A		
Propagation Information:	any rich medium		
Literature Citation:	Kreiworth,B., Lofdahl S., et al. "The toxic shock syndrome exotoxin structural gene is not detectably transmitted by a prophage." Nature 1983;305:709-712.		
Comment:	N/A		
Description:	RN4220 was selected for transformability with DNA from E. coli. It has a partial agr defect.		
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	MIC ^{μg/mL} (pg/ml)	CLSI Interptn	PCR <i>mecA</i>	Result
Ciprofloxacin	= 0.5	S	NEGATIVE	
Clindamycin	= 0.06	S		
Erythromycin	= 0.25	S		
Gentamicin	= 0.5	S		
Linezolid	= 2	S		
Oxacillin	= 0.12	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	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	