

***Staphylococcus aureus* - NRS147**  
Other designations ( NCTC8325 (RN6390B) )

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:	agr group I		
Genotypic Properties:	rsbU-		
Lysotypic Properties:	uncharacterized prophage encoding SAK		
Propagation Information:	any rich medium (check for hemolytic phenotype on sheep blood agar)		
Literature Citation:	Peng,H.-L., Novick R.P., et al. "Cloning, Characterization and sequencing of an accessory gene regulator (agr) in <i>Staphylococcus aureus</i> " J. Bacteriol. 1988;179:4365-4372.		
Comment:	virulence factor staphylokinase		
Description:	RN6390 is the strain from which the agr locus was first cloned. It is the agr group I prototype. RN6390 frequently gives rise to agr-negative mutants. RN6390B is an agr-positive re-isolate from an RN6390 stock culture that had become mostly agr-negative.		
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 <del>(<math>\mu</math>g/ml)</del> $\mu$ g/mL	CLSI Interp <sup>tn</sup>	PCR <i>mecA</i>	Result NEGATIVE
Ciprofloxacin	= 0.25	S		
Clindamycin	= 0.06	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.25	S		
Linezolid	= 2	S		
Oxacillin	= 0.25	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 1	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

<b>Ridom <i>spa</i> type</b>	t211
<b>SCC<i>mec</i> type</b>	-
<b>Clonal Complex (CC)</b>	8
<b>Sequence Type (ST)</b>	8
<a href="#">Genotype Data file</a>	