

***Staphylococcus aureus* - NRS134**
Other designations (NCTC8325 (RN0027))

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:	non-pigmented		
Genotypic Properties:	rsbU-, hlb-, agr+, sak+		
Lysotypic Properties:	Φ13, 80α		
Propagation Information:	any rich medium (TSB, BHI, LB, CY, etc.)		
Literature Citation:	Novick, R. "Properties of a cryptic high-frequency transducing phage in <i>Staphylococcus aureus</i> ." <i>Virology</i> 1967;33:155-166. Lindsay, J.A., Ruzin A., et al. The gene for toxic shock toxin is carried by a family of mobile pathogenicity islands in <i>Staphylococcus aureus</i> ." <i>Mol. Microbiol.</i> 1998;29: 527-543.		
Comment:	virulence factor staphylokinase		
Description:	RN0025, lysogenized with 80α		
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 (μg/ml)	CLSI Interp ^{tn}	PCR <i>mecA</i>	Result NEGATIVE
Ciprofloxacin	<= 0.06	S		
Clindamycin	= 0.06	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.5	S		
Linezolid	= 1	S		
Oxacillin	= 0.12	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
Ridom <i>spa</i> type	t211

SCC<i>mec</i> type	-
Clonal Complex (CC)	8
Sequence Type (ST)	8
Genotype Data file	