

***Staphylococcus aureus* - NRS129**  
Other designations ( NCTC8325 (RN0153) )

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:	chloramphenicol resistance
Genotypic Properties:	rsbU-, hlb-, sak+, cat+
Lysotypic Properties:	Φ13, Φ12, Φ13
Propagation Information:	any rich medium supplemented with chloramphenicol, 5 ug/ml
Literature Citation:	Brenner,D.G., Shaw W.V. "The use of synthetic oligonucleotides with universal templates for rapid DNA sequencing: results with staphylococcal replicon pC221." EMBO J. 1985;4:561-568. Projan, S.J., Archer G.L. "Mobilization of the relaxable <i>Staphylococcus aureus</i> plasmid pC221 by the conjugative plasmid pG01 involves three pC221 loci." J. Bacteriol. 1989;171: 1841-1845.
Comment:	virulence factor staphylokinase
Description:	pC221 is a 4.5kb rolling circle plasmid of the pT181 family. It encodes chloramphenicol resistance plus a relaxation complex enabling its conjugative.
Repositories:	Antibiotic Resistant Strains (other than Glycopeptide)

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 ( <del>pp/ml</del> )	CLSI Interprtn	PCR	Result
			<i>mecA</i>	NEGATIVE
Chloramphenicol	= 64	R		
Ciprofloxacin	<= 0.06	S		
Clindamycin	= 0.06	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.25	S		
Linezolid	= 2	S		
Oxacillin	= 0.12	S		
Penicillin	<= 0.03	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 1	S		
Trimeth/sulfa	= 1/19	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	59

<b>eGenomic <i>spa</i> repeats</b>	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>	