

Staphylococcus aureus - NRS106

Other designations (RN4220/pG01)

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:	RN4220 restriction-deficient		
Genotypic Properties:	N/A		
Lysotypic Properties:	N/A		
Propagation Information:	N/A		
Literature Citation:	Archer, G., et al. 1986. Antimicrob. Agents Chemother. 29:733-740.		
Comment:	N/A		
Description:	pG01 encodes resistance to gentamicin, trimethoprim, and quarternary ammonium compounds		
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	MIC ($\mu\text{g/ml}$)	CLSI Interpretn	PCR <i>mecA</i>	Result
Ciprofloxacin	= 0.5	S		NEGATIVE
Clindamycin	= 0.06	S		
Erythromycin	= 0.25	S		
Gentamicin	> 16	R		
Linezolid	= 1	S		
Oxacillin	= 0.25	S		
Penicillin	= 0.06	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	= 4/76	R		
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