

Staphylococcus aureus - NRS209

Other designations (No. 315; 28243)

Demographic Information:			
Country/State:	United Kingdom	Date of Isolation:	06/08/1971
Patient Age:	N/A	Gender:	Male
Patient Location:	Inpatient	Patient Service:	N/A
Culture Source:	Trachea		
Phenotypic Properties:	Resistant to penicillin, ampicillin, and methicillin by disk diffusion		
Literature Citation:	N/A		
Comment:	N/A		
Description:	Isolated in 1971; resistant to penicillin, ampicillin, and methicillin		
Repositories:	Historical 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 $\frac{\mu\text{g}}{\text{mL}}$ (ppm)	CLSI Interptn	PCR <i>mecA</i>	Result
Ciprofloxacin	= 1	S	POSITIVE	POSITIVE
Clindamycin	= 0.12	S		
Erythromycin	= 0.5	S		
Gentamicin	= 1	S		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	4
eGenomic <i>spa</i> repeats	YHFGFMBQBLO
Ridom <i>spa</i> type	t051
SCC <i>mec</i> type	IV
Clonal Complex (CC)	8 (247)
Sequence Type (ST)	247
Genotype Data file	