

Staphylococcus aureus - NRS103

Other designations (Becker)

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:	N/A		
Phenotypic Properties:	Prototype strain for type 8 capsule production; spontaneous rifampicin resistance		
Genotypic Properties:	N/A		
Propagation Information:	N/A		
Literature Citation:	Karakawa and Vann. 1982. Sem. Infect. Dis. 4:285.		
Comment:	N/A		
Description:	Produces capsular polysaccharide type 8		
Repositories:	Virulent and Toxin Producing 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 $\mu\text{g/mL}$ ($\mu\text{g/ml}$)	CLSI Interp ^{tn}	PCR <i>mecA</i>	Result
Ciprofloxacin	= 0.5	S		NEGATIVE
Clindamycin	= 0.12	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.25	S		
Linezolid	= 1	S		
Oxacillin	= 1	S		
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	715
eGenomic <i>spa</i> repeats	XKAKBMBKB
Ridom <i>spa</i> type	t630
SCC <i>mec</i> type	-
Clonal Complex (CC)	45
Sequence Type (ST)	508 - DLV
Genotype Data file	