

Staphylococcus aureus - NRS102**Other designations (Reynolds)****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 5 capsule production; resistant to penicillin; spontaneous Sm-resistance		
Genotypic Properties:	N/A		
Propagation Information:	Capsule made primarily in stationary phase in well-aerated broth cultures		
Literature Citation:	Karakawa and Vann. 1982. Sem Infect. Dis. 4:285. McMurray et al. 1990. JID 162:759-762		
Comment:	N/A		
Description:	Produces capsular polysaccharide type 5		
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 ($\mu\text{g/ml}$)	CLSI Interprtn	PCR <i>mecA</i>	Result
Ciprofloxacin	<= 0.06	S		NEGATIVE
Clindamycin	= 0.12	S		
Erythromycin	= 0.5	S		
Gentamicin	= 1	S		
Linezolid	= 2	S		
Oxacillin	= 1	S		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 0.5	S		

Genotype Data

Genotype	Result
eGenomic <i>spa</i> type	867
eGenomic <i>spa</i> repeats	ZGM
Ridom <i>spa</i> type	t287
SCC <i>mec</i> type	-
Clonal Complex (CC)	25
Sequence Type (ST)	25