

**Staphylococcus aureus - NRS408**  
Other designations ( HIP11713 )

Demographic Information:			
Country/State:	United States / Michigan	Date of Isolation:	N/A
Patient Age:	40 Year(s)	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:	Nares		
Phenotypic Properties:	N/A		
Genotypic Properties:	mecA+, pAM829		
Lysotypic Properties:	N/A		
Propagation Information:	N/A		
Literature Citation:	1. CDC. MMWR. 2002; 51(26):565-67. 2. Flannagan et al. Antimicrobial Agents and Chemotherapy. Dec 2003; 47(12):3954-59. 3. Weigel et al. Science. 2003; 302:1569-71.		
Comment:	N/A		
Description:	Probable recipient of Tn1546 from Enterococcus faecalis to produce VRSA (VRS1)		
Repositories:	Research 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 $\mu\text{g/mL}$ ( <del>pp/ml</del> )	CLSI Interp <sup>tn</sup>	PCR	Result
			<i>mecA</i>	POSITIVE
Chloramphenicol	= 16	I		
Ciprofloxacin	> 16	R		
Clindamycin	> 4	R		
Daptomycin	= 0.5	N/A		
Erythromycin	> 8	R		
Gentamicin	> 16	R		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.5	S		
Teicoplanin	= 0.5	S		
Tetracycline	= 2	S		
Trimeth/sulfa	= 4/76	R		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	12
eGenomic <i>spa</i> repeats	TJMGMK

<b>Ridom <i>spa</i> type</b>	t062
<b>SCC<i>mec</i> type</b>	II
<b>Clonal Complex (CC)</b>	5
<b>Sequence Type (ST)</b>	371
<a href="#">Genotype Data file</a>	