

***Staphylococcus aureus* - NRS281**

Other designations (COLVA)

Demographic Information:			
Country/State:	N/A	Date of Isolation:	N/A
Patient Age:	N/A	Gender:	N/A
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	Resistance to vancomycin (glycopeptides)		
Genotypic Properties:	pLW1043		
Lysotypic Properties:	N/A		
Propagation Information:	N/A		
Literature Citation:	Weigel LM et al. Molecular analysis of a clinical isolate of vancomycin-resistant <i>Staphylococcus aureus</i> . Science 2003.		
Comment:	N/A		
Description:	Vancomycin-resistant transconjugant		
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 ~~(μg/mL)~~ μ g/mL	CLSI Interptn	PCR	Result
			<i>mecA</i>	POSITIVE
Ciprofloxacin	= 0.25	S		
Clindamycin	= 0.12	S		
Erythromycin	= 0.25	S		
Gentamicin	> 16	R		
Linezolid	= 2	S		
Oxacillin	> 16	R		
Penicillin	> 2	R		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 32	R		
Trimeth/sulfa	> 4/76	R		
Vancomycin	> 32	R		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	1
eGenomic <i>spa</i> repeats	YHGFMBQBLO
Ridom <i>spa</i> type	t008
SCC <i>mec</i> type	I
Clonal Complex (CC)	8
Sequence Type (ST)	250
Genotype Data file	