

***Staphylococcus aureus* - NRS157**  
Other designations ( A980592 )

Demographic Information:			
Country/State:	France	Date of Isolation:	N/A
Patient Age:	14 Year(s)	Gender:	Female
Patient Location:	N/A	Patient Service:	N/A
Culture Source:			
Phenotypic Properties:	N/A		
Genotypic Properties:	(lukS-PV-lukF-PV)+, egc+, agr1, mecA-		
Propagation Information:	N/A		
Literature Citation:	Gillet Y, et al. Lancet 2002;359(9308):753-9.		
Comment:	Observed 3 colony variants, beta cream, beta grey, and gamma white, on sheep blood agar plate (Remel). All were identical by PFGE.		
Description:	Association between positive gene for Panton-Valentine leukocidin and highly lethal necrotising pneumonia in young immunocompetent patients.		
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 <sup>µg/mL</sup> ( <del>µg/ml</del> )	CLSI Interpretn	PCR	Result
			<i>mecA</i>	NEGATIVE
Ciprofloxacin	= 0.5	S		
Clindamycin	= 0.12	S		
Erythromycin	= 0.5	S		
Gentamicin	= 0.5	S		
Linezolid	= 2	S		
Oxacillin	= 0.25	S		
Penicillin	= 0.06	S		
Quinupristin/dalfopristin	= 0.25	S		
Teicoplanin	= 0.5	S		
Trimeth/sulfa	<= 0.25/4.75	S		
Vancomycin	= 1	S		

Genotype Data	
Genotype	Result
eGenomic <i>spa</i> type	885
eGenomic <i>spa</i> repeats	TJEJCMQOMOKR
Ridom <i>spa</i> type	t3379
SCC <i>mec</i> type	-
Clonal Complex (CC)	22
Sequence Type (ST)	22
<a href="#">Genotype Data file</a>	