

Staphylococcus aureus - NRS158

Other designations (HT 2000 0319)

| Demographic Information: | | | |
|--------------------------|--|--------------------|--------|
| Country/State: | France | Date of Isolation: | N/A |
| Patient Age: | 9 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+, seb+, agr1, mecA- | | |
| Propagation Information: | N/A | | |
| Literature Citation: | N/A | | |
| Comment: | Observed 2 colony variants, beta grey-cream and gamma white, on sheep blood agar plate (Remel). Both were identical by PFGE. | | |
| Description: | Strain was isolated from skin infection, carrying gene for Panton-Valentine leukocidin. | | |
| 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 ^{µg/mL} (µg/ml) | CLSI Interptn | 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 | = 2 | S | | |
| Penicillin | > 2 | R | | |
| 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 | 59 |
| eGenomic <i>spa</i> repeats | YHGGFMBQBLO |
| Ridom <i>spa</i> type | t211 |
| SCC <i>mec</i> type | - |
| Clonal Complex (CC) | 8 |
| Sequence Type (ST) | 8 |
| Genotype Data file | |