Designation: HPV107
Deposited Name: Staphylococcus aureus Rosenbach
Genotype: pvl negative

Product Description: Multidrug-resistant strain, MRSA. Resistant to ampicillin, amoxicillin/clavulanic acid, ciprofloxacin, cephalexin, doxycycline, gentamicin, erythromycin, imipenem, methicillin, penicillin, tetracycline, oxacillin azithromycin, clindamycin, ceftriaxone, rifampin, amikacin and tobramycin. Susceptible to teicoplanin, chloramphenicol, fosfomycin, mupirocin, netilmicin, streptomycin, trimethoprim/sulfamethoxazole, and vancomycin. Intermediate resistance to minocycline. As the guidelines provided by Clinical and Laboratory Standards Institute (CLSI) state, resistance to oxacillin implies resistance to other penicillins such as methicillin.

Medium
ATCC® Medium 18: Trypticase Soy Agar/Broth
ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

Growth Conditions
Temperature: 37°C
Atmosphere: Aerobic

Propagation Procedure
1. Open vial according to enclosed instructions.
2. Using a single tube of #18 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #18 or #260 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

Notes
Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References
References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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