

Staphylococcus aureus, Strain MRSA177

Catalog No. HM-467

Product Description: *Staphylococcus aureus* (*S. aureus*), strain MRSA177 was isolated from the skin of a patient with a soft tissue infection in Bogotá, Colombia.

Lot^{1,2}: 59999387

Manufacturing Date: 06MAY2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Oxacillin resistance ⁴ β-Hemolysis on blood agar Analytical profile index (API Staph [®]) ⁵ Catalase	Gram-positive cocci Report results Resistant Report results Consistent with <i>S. aureus</i> Positive	Gram-positive cocci Circular, entire, glistening and beige (Figure 1) Resistant Positive Consistent with <i>S. aureus</i> Positive
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>S. aureus</i>	Pending Consistent with <i>S. aureus</i>
Viability (post-freeze)³	Growth	Growth

¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

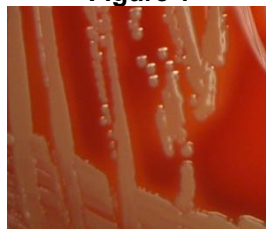
²*S. aureus*, strain MRSA177 was deposited by Cesar A. Arias, M.D., Ph.D., Assistant Professor of Medicine, Department of Internal Medicine, The University of Texas Health Science Center at Houston, Houston, Texas. The deposited material was inoculated into Brain Heart Infusion Broth and incubated for 24 hours at 37°C in an aerobic atmosphere. The material from the initial growth was passaged once in Brain Heart Infusion Broth for 24 hours at 37°C and then added to Kolles for 24 hours at 37°C to produce this lot.

³24 hours at 37°C in an aerobic atmosphere on Tryptic Soy Agar with 5% sheep blood

⁴24 hours at 37°C in an aerobic atmosphere on Mueller Hinton Agar containing 6 µg/mL Oxacillin and 4% NaCl (Oxacillin Screen Agar BBL™ 221952)

⁵The API Staph[®] identification includes a test for Lysostaphin resistance that was not completed for HM-467. HM-467 is identified as *S. aureus* by the API Staph[®] test regardless of the Lysostaphin resistance test results.

Figure 1



Date: 21 SEP 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.



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