

Staphylococcus aureus, Strain MRSA131

Catalog No. HM-466

Product Description:

Staphylococcus aureus (*S. aureus*), strain MRSA131 was isolated from the skin of a patient with a soft tissue infection in Villavicencio, Colombia. HM-466 was produced by inoculation of BEI Resources seed lot 70016950 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

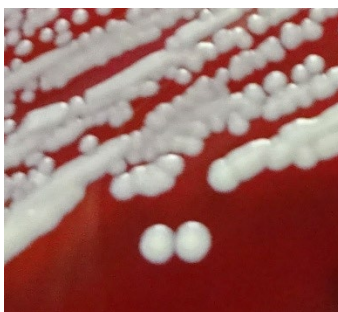
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70084646

Manufacturing Date: 24JUL2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 1 day at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 1 day at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount) Oxacillin resistance Hemolysis Catalase VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Non-motile Resistant β-Hemolytic Positive <i>S. aureus</i>	Gram-positive cocci Circular, convex, entire, smooth and gray (Figure 1) Non-motile Resistant β-Hemolytic Positive <i>S. aureus</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>S. aureus</i> , strain MRSA131 (GenBank: AECR01000001.1)	≥ 100.0% sequence identity to <i>S. aureus</i> , strain MRSA131 (GenBank: AECR01000001.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) 1 day at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



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Technical Manager or designee, ATCC Federal Solutions

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