

Staphylococcus epidermidis, Strain NIHLM070

Catalog No. HM-899

This reagent is the tangible property of the U.S. Government.

Product Description:

Staphylococcus epidermidis (*S. epidermidis*), strain NIHLM070 was isolated in 2008 from an alar crease of a healthy 27-year-old white Hispanic male volunteer in the United States. HM-899 was produced by inoculation of BEI Resources seed lot 61646445 into Brain Heart Infusion broth and grown 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. Quality control testing was completed under propagation conditions unless otherwise noted.

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.

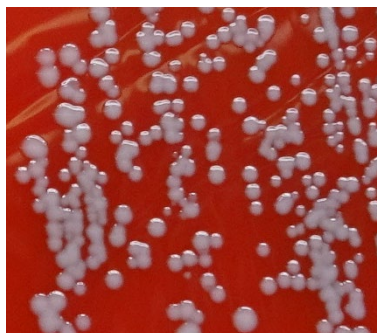
Lot: 70072343

Manufacturing Date: 24OCT2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results	Gram-positive cocci Circular, convex, entire, smooth and white (Figure 1) Non-motile <i>S. epidermidis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain NIHLM070 (GenBank: AKGL01000058.1)	99.9% sequence identity to <i>S. epidermidis</i> , strain NIHLM070 (GenBank: AKGL01000058.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology ¹
Viability (post-freeze)	Growth	Growth

¹Two colony types were observed on Tryptic Soy agar with 5% defibrinated sheep blood plate. VITEK® MS (MALDI-TOF) analysis identified cells from both colony types as *S. epidermidis*.

Figure 1: Colony Morphology



Certificate of Analysis for HM-899

/Sonia Bjorum Brower/

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11 MAR 2025

Technical Manager or designee, ATCC Federal Solutions

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