

Staphylococcus epidermidis, Strain NIHLM020

Catalog No. HM-904

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

Product Description:

Staphylococcus epidermidis (*S. epidermidis*), strain NIHLM020 strain NIHLM020 was isolated in 2008 from an axilla of a healthy 24-year-old white male volunteer in the United States. HM-904 was produced by inoculation of BEI Resources seed lot 61646428 into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Nutrient agar 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: 70084643

Manufacturing Date: 22JUL2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, low convex, entire, smooth and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain NIHLM020 (GenBank: AKGW01000059.1)	98.9% sequence identity to <i>S. epidermidis</i> , strain NIHLM020 (GenBank: AKGW01000059.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Nutrient agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



Certificate of Analysis for HM-904**/Sonia Bjorum Brower/****Sonia Bjorum Brower**

18 AUG 2026

Technical Manager or designee, ATCC Federal Solutions

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