

**Staphylococcus epidermidis, Strain NIHLM040**

**Catalog No. HM-912**

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

**Product Description:**

*Staphylococcus epidermidis* (*S. epidermidis*), strain NIHLM040 was isolated in 2008 from a retroauricular crease of a healthy 23-year-old female volunteer in the United States. HM-912 was produced by inoculation of BEI Resources seed lot 63479494 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. 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: 70062662**

**Manufacturing Date: 11AUG2023**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount)	Gram-positive cocci Report results  Report results	Gram-positive cocci Circular, low convex, entire, smooth and white (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> strain NIHLM040 (GenBank: AKGR01000002.1)	99.8% sequence identity to <i>S. epidermidis</i> strain NIHLM040 (GenBank: AKGR01000002.1)
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

**Figure 1: Colony Morphology**



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