

## **Certificate of Analysis for HM-912**

### Staphylococcus epidermidis, Strain NIHLM040

#### Catalog No. HM-912

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

#### **Product Description:**

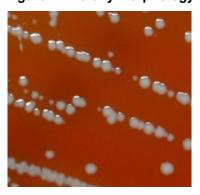
Staphylococcus epidermidis (S. epidermidis), strain NIHLM040 was isolated in 2008 from a retroauricular crease of a healthy 23-year-old female volunteer in the United States. HM-912 was produced by inoculation of BEI Resources seed lot 63479494 into Tryptic Soy broth and incubated for 1 day at 37°C in 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.

<u>Note</u>: 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
Phenotypic Analysis	SFECIFICATIONS	RESOLIS
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology	Report results	Circular, low convex, entire, smooth and white (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to S. epidermidis strain NIHLM040 (GenBank: AKGR01000002.1)	99.8% sequence identity to S. epidermidis strain NIHLM040 (GenBank: AKGR01000002.1)
Purity (post-freeze) 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
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



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/Sonia Bjorum Brower/ Sonia Bjorum Brower

06 DEC 2023

Technical Manager or designee, ATCC Federal Solutions

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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