

**Staphylococcus epidermidis, Strain NIHLM018**

**Catalog No. HM-902**

**Product Description:**

*Staphylococcus epidermidis* (*S. epidermidis*), strain NIHLM018 was isolated in 2008 from the umbilicus of a healthy 39-year-old African-American female volunteer in the United States. HM-902 was produced by inoculation of BEI Resources seed lot 61646442 into Brain Heart Infusion 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: 70061840**

**Manufacturing Date: 29JUN2023**

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, convex, entire, smooth and grey (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain NIHLM018 (GenBank: AKGY01000017.1)	99.9% sequence identity to <i>S. epidermidis</i> , strain NIHLM018 (GenBank: AKGY01000017.1) <sup>1</sup>
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with and without 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

<sup>1</sup>Also consistent with other *Staphylococcus* species

**Figure 1: Colony Morphology**



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