

Staphylococcus epidermidis, Strain NIHLM015

Catalog No. HM-901

Product Description:

Staphylococcus epidermidis (*S. epidermidis*), strain NIHLM015 was isolated in 2008 from the manubrium of a healthy 39-year-old African American female volunteer in the United States. HM-901 was produced by the inoculation of BEI Resources seed lot 61646443 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: 70057705

Manufacturing Date: 05JAN2023

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 NIHLM015 (GenBank: AKGZ01000042.1)	99.9% sequence identity to <i>S. epidermidis</i> , Strain NIHLM015 (GenBank: AKGZ01000042.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Nutrient agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹ Also consistent with other *Staphylococcus* species.

Figure 1: Colony Morphology



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