

Staphylococcus epidermidis, Strain NIHLM001

Catalog No. HM-896

Product Description:

Staphylococcus epidermidis (*S. epidermidis*), strain NIHLM001 was isolated in 2008 from an alar crease of a healthy 27-year-old white male volunteer in the United States. HM-896 lot 70031763 was produced by the inoculation of the BEI Resources seed lot into Nutrient broth and incubated 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.

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: 70031763

Manufacturing Date: 08JAN2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Colony morphology 1 day at 37°C in an aerobic atmosphere on Nutrient agar Cellular morphology Motility (wet mount)	Report results Gram-positive rods Report results	Circular, convex, entire, smooth and white (Figure 1) Gram-positive rods Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain NIHLM001 (GenBank: AKHC01000033.1)	99.9% sequence identity to <i>S. epidermidis</i> , strain NIHLM001 (GenBank: AKHC01000033.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) 1 day at 37°C in an aerobic atmosphere on Nutrient agar	Growth	Growth

¹Also consistent with other *Staphylococcus* species

Figure 1: Colony Morphology



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