

Certificate of Analysis for HM-906

Staphylococcus epidermidis, Strain NIHLM023

Catalog No. HM-906

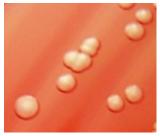
Product Description: *Staphylococcus epidermidis* (*S. epidermidis*), strain NIHLM023 was isolated in 2008 from the toe web of a healthy 24-year-old male volunteer in the United States.

Lot^{1,2}: 63652479 Manufacturing Date: 24JUL2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ³	Report results	Circular, low convex, entire, smooth and cream (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% identical to GenBank: AKGU01000054.1 (<i>S. epidermidis</i> , strain NIHLM023)	≥ 99% identical to GenBank: AKGU01000054.1 (<i>S. epidermidis</i> , strain NIHLM023)
Purity (post-freeze) ⁴	Growth consistent with S. epidermidis	Growth consistent with S. epidermidis
Viability (post-freeze) ³	Growth	Growth

¹Quality 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.

Figure 1: Colony Morphology



Date: 11 SEP 2015 **Si**

Signature: Jaki

BEI Resources Authentication

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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BEI Resources

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²S. *epidermidis*, strain NIHLM023 was deposited by Julia A. Segre, Ph.D., Senior Investigator, Epithelial Biology Section, National Human Genome Research Institute, National Institutes of Health, Bethesda, Maryland, USA. HM-906 was produced by inoculation of the deposited material into Tryptic Soy broth and grown 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 1 day at 37°C in an aerobic atmosphere to produce this lot.

³1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere.