

Staphylococcus epidermidis, Strain NIHLM087

Catalog No. HM-907

Product Description: *Staphylococcus epidermidis* (*S. epidermidis*), strain NIHLM087 was isolated in 2008 from the nare of a healthy 23-year-old female volunteer in the United States.

Lot^{1,2}: 63529409

Manufacturing Date: 05JUN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, low convex, entire, smooth and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 870 base pairs)	≥ 99% identical to GenBank: AKGK01000068 (<i>S. epidermidis</i> , strain NIHLM087)	≥ 99% identical to GenBank: AKGK01000068 (<i>S. epidermidis</i> , strain NIHLM087)
Purity (post-freeze)⁴	Growth consistent with <i>S. epidermidis</i>	Growth consistent with <i>S. epidermidis</i>
Viability (post-freeze)³	Growth	Growth

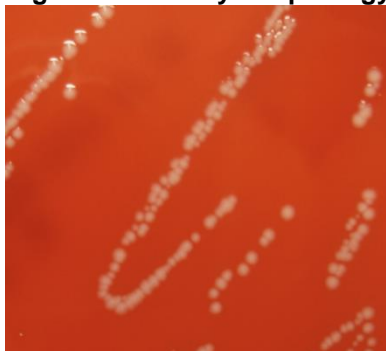
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*S. epidermidis*, strain NIHLM087 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-907 was produced by inoculation of the deposited material into Brain Heart Infusion 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.

Figure 1 – Colony Morphology



Certificate of Analysis for HM-907

Date: 07 AUG 2015

Signature: 

BEI Resources Authentication

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