

***Staphylococcus epidermidis*, Strain NIH05001**

Catalog No. HM-918

Product Description: *Staphylococcus epidermidis* (*S. epidermidis*), strain NIH05001 was isolated in 2005 in the United States from the blood of a 12-year-old male patient with immune dysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) syndrome without FOXP3 mutation and a history of repeated line infections with multiple organisms.

Lot^{1,2}: 63652483

Manufacturing Date: 24JUL2015

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 gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% identical to GenBank: AKHE01000071.1 (<i>S. epidermidis</i> , strain NIH05001)	≥ 99% identical to GenBank: AKHE01000071.1 (<i>S. epidermidis</i> , strain NIH05001)
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 NIH05001 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-918 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.

Figure 1: Colony Morphology



Certificate of Analysis for HM-918

Date: 26 AUG 2015

Signature: 

BEI Resources Authentication

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