

Staphylococcus epidermidis, Strain NIH06004

Catalog No. HM-924

Product Description: *Staphylococcus epidermidis* (*S. epidermidis*), strain NIH06004 was isolated in 2006 in the United States, from the blood of a 39-year-old male patient with a history of chronic myelogenous leukemia with subsequent peripheral blood stem cell transplant and immunosuppressive therapy with tacrolimus and corticosteroids followed by a number of complications: cachexia, chronic graft-versus-host disease of liver and colon, *Escherichia coli* sepsis, fungal sinusitis and acute renal failure.

Lot^{1,2}: 63479500

Manufacturing Date: 29APR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount) Hemolysis ³	Gram-positive cocci Report results Report results Report results	Gram-positive cocci Circular, low convex, entire, smooth and white (Figure 1) Non-motile Non-hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to GenBank: AKHH01000054 (<i>S. epidermidis</i> , strain NIH06004)	≥ 99% identical to GenBank: AKHH01000054 (<i>S. epidermidis</i> , strain NIH06004)
Purity (post-freeze)⁴	Growth consistent with <i>S. epidermidis</i>	Growth consistent with <i>S. epidermidis</i>
Viability (post-freeze)³	Growth	Growth

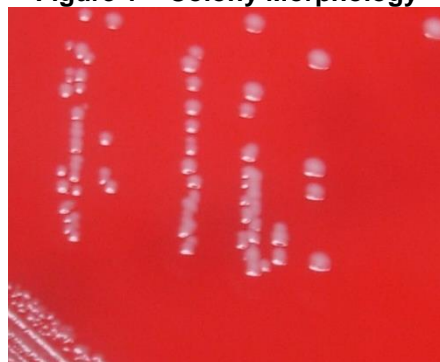
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*S. epidermidis*, strain NIH06004 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-924 was produced by inoculation of the deposited material into Tryptic Soy broth and grown 28 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 19 hours at 37°C in an aerobic atmosphere to produce this lot.

³24 hours 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-924

Date: 02 JUL 2015

Signature:



BEI Resources Authentication

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