

Staphylococcus epidermidis, Strain NIH04008

Catalog No. HM-917

Product Description: *Staphylococcus epidermidis* (*S. epidermidis*), strain NIH04008 was isolated in 2004 in the United States from the blood of a 62-year-old male patient with a history of peritoneal mesothelioma with subsequent exploratory laparotomy with lysis of adhesions, splenectomy, omentectomy, placement of triple lumen catheter and Tenckhoff catheter, and continuous hyperthermic peritoneal perfusion with chemotherapy drug cisplatin followed by spiking fevers five days postoperatively.

Lot^{1,2}: 63652482

Manufacturing Date: 24JUL2015

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 (~ 1440 base pairs)	≥ 99% identical to GenBank: AKHF01000103.1 (<i>S. epidermidis</i> , strain NIH04008)	≥ 99% identical to GenBank: AKHF01000103.1 (<i>S. epidermidis</i> , strain NIH04008)
Purity (post-freeze)⁴	Growth consistent with <i>S. epidermidis</i>	Growth consistent with <i>S. epidermidis</i>
Viability (post-freeze)³	Growth	Growth

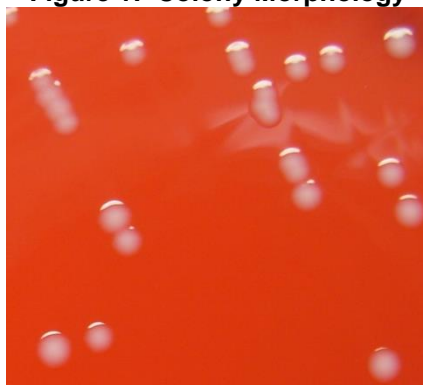
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*S. epidermidis*, strain NIH04008 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-917 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-917

Date: 26 AUG 2015

Signature: 

BEI Resources Authentication

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