

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. HM-917 was produced by inoculation of BEI Resources seed lot 63652481 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. The material from the initial growth was passaged once in Tryptic Soy agar kolles with 5% defibrinated sheep blood for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality 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.

Lot: 70062663

Manufacturing Date: 11AUG2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 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 (~1450 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain NIH04008 (GenBank: AKHF01000103.1)	100% sequence identity to <i>S. epidermidis</i> , strain NIH04008 (GenBank: AKHF01000103.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Staphylococcus* species.

Figure 1: Colony Morphology



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