

Staphylococcus epidermidis, Strain SK135

Catalog No. HM-118

Product Description:

Staphylococcus epidermidis (*S. epidermidis*), strain SK135 was isolated from normal skin of the right arm of a 57-year-old man. HM-118 lot 70054857 was produced by the inoculation of BEI Resources seed lot 59265319 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar kolles, which were grown 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: 70054857

Manufacturing Date: 10AUG2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative diplococci Report results Report results	Gram-positive cocci Circular, convex, entire smooth and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain SK135 (GenBank: ADEY01000016.1)	99.9% sequence identity to <i>S. epidermidis</i> , strain SK135 (GenBank: ADEY01000016.1)
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere on Brain Heart Infusion agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
8 days at 37°C in an aerobic atmosphere with 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

Figure 1: Colony Morphology



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