

Staphylococcus epidermidis, Strain VCU013

Catalog No. NR-46376

Product Description:

Staphylococcus epidermidis (*S. epidermidis*), strain VCU013 is of unknown origin and was deposited to BEI Resources as part of the NARSA collection. NR-46376 lot 70049059 was produced by inoculation of BEI Resources seed lot 63829093 into Tryptic Soy broth and grown for 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 for 1 day at 37°C in an aerobic atmosphere. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 70049059

Manufacturing Date: 15DEC2021

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis Biochemical characterization Catalase Coagulase VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Positive Negative <i>S. epidermidis</i> (≥ 89.9%)	Gram-positive cocci Circular, convex, entire, smooth and white (Figure 1) Non-motile Non-hemolytic Positive Negative <i>S. epidermidis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1350 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain VCU013 (GenBank: JHTZ01000030.1)	99.9% sequence identity to <i>S. epidermidis</i> , strain VCU013 (GenBank: JHTZ01000030.1)
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with or 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) 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



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24 FEB 2022

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