

Staphylococcus epidermidis, Strain VCU071

Catalog No. NR-46386

Product Description: *Staphylococcus epidermidis* (*S. epidermidis*), strain VCU071 is of unknown origin.

Lot¹: 63406779

Manufacturing Date: 01APR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Motility (wet mount) Hemolysis ² Biochemical characterization Catalase Coagulase ³ VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Positive Report results <i>S. epidermidis</i>	Gram-positive cocci Circular, low 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 (~ 1480 base pairs)	≥ 99% sequence identity to <i>S. epidermidis</i> , strain VCU071 (GenBank: AGUB01000012.1)	99.8% sequence identity to <i>S. epidermidis</i> , strain VCU071 (GenBank: AGUB01000012.1)
Purity (post-freeze)⁴	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹*S. epidermidis*, strain VCU071 was deposited to BEI Resources as part of the NARSA collection. NR-46386 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. Purity of this lot was assessed for 7 days under propagation conditions.

²1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

³4 hours at 37°C in rabbit serum with 0.15% EDTA (Coagulase Plasma BBL™ 240827)

⁴Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Date: 23 FEB 2017

Signature:



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