

Certificate of Analysis for NR-46399

Staphylococcus hominis, Strain VCU122

Catalog No. NR-46399

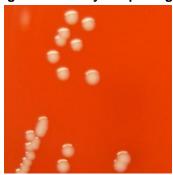
Product Description: Staphylococcus hominis (S. hominis), strain VCU122 is of unknown origin.

Lot¹: 63406783 Manufacturing Date: 01APR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Hemolysis ²	Report results	Non-hemolytic
Biochemical characterization	·	
Catalase	Positive	Positive
Coagulase ³	Report results	Negative
VITEK®MS (MALDI-TOF)	S. hominis	S. hominis (99.9%)
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1140 base pairs)	≥ 99% sequence identity to S. hominis, strain VCU122 (GenBank: AHLD01000067.1)	99.9% sequence identity to S. hominis, strain VCU122 (GenBank: AHLD01000067.1)
Purity (post-freeze) ⁴	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze) ²	Growth	Growth

¹S. hominis, strain VCU122 was deposited to BEI Resources as part of the NARSA collection. NR-46399 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.

Figure 1: Colony Morphology



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

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

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.



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Date: 08 FEB 2017

Signature:

BEI Resources Authentication

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