

Certificate of Analysis for NR-46408

Staphylococcus lugdunensis, Strain VCU149

Catalog No. NR-46408

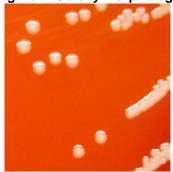
Product Description: *Staphylococcus lugdunensis* (*S. lugdunensis*), strain VCU149 is of unknown origin.

Lot¹: 64016408 Manufacturing Date: 31MAR2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, convex, entire, smooth and white (Figure 1)
Motility (wet mount)	Report results	Non-motile
Hemolysis ²	Report results	Beta-hemolytic
Biochemical characterization		
Catalase	Positive	Positive
Coagulase ³	Report results	Negative
VITEK® MS (MALDI-TOF)	S. lugdunensis	S. lugdunensis (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene	≥ 99% sequence identity to	99.8% sequence identity to
(~ 880 base pairs)	S. lugdunensis type strain (GenBank: NR_024668)	S. lugdunensis type strain (GenBank: NR_024668)
Purity (post-freeze) ⁴	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) ²	Growth	Growth

¹S. lugdunensis, strain VCU149 was deposited to BEI Resources as part of the NARSA collection. NR-46408 was produced by inoculation of the deposited material 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 to produce this lot.

Figure 1: Colony Morphology



BEI Resources

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



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Date: 08 FEB 2017

Signature:

BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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