

Lactobacillus crispatus, Strain MV-3A-US

Catalog No. HM-636

Product Description:

Lactobacillus crispatus (*L. crispatus*), strain MV-3A-US is a vaginal isolate from a healthy US woman obtained in 2007. HM-636 lot 70036695 was produced by the inoculation of the BEI Resources seed lot into Lactobacilli MRS broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. The material from the initial growth was passaged once on Lactobacilli MRS agar for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ 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: 70036695

Manufacturing Date: 24JUN2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Punctiform and translucent (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>L. crispatus</i> , strain MV-3A-US (GenBank: ACQC01000167)	99.86% sequence identity to <i>L. crispatus</i> , strain MV-3A-US (GenBank: ACQC01000167)
Purity (post-freeze) 7 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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Program Manager or designee, ATCC Federal Solutions

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