

Lactobacillus crispatus, Strain EX849587VC01

Catalog No. HM-370

Product Description:

Lactobacillus crispatus (*L. crispatus*), strain EX849587VC01 was isolated in 2010 from a human mid-vaginal wall in Richmond, Virginia, USA. HM-370 was produced by inoculation of BEI Resources seed lot 59852197 into Lactobacilli MRS broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. The material from the initial growth was passaged once in Lactobacilli MRS broth 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: 70055542

Manufacturing Date: 20OCT2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Hemolysis Motility (wet mount)	Gram-positive rods Report results Non-hemolytic Report results	Gram-positive rods Punctiform Non-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1510 base pairs)	≥ 99% sequence identity to <i>L. crispatus</i> type strain (GenBank: AF257097.1)	99.9% sequence identity to <i>L. crispatus</i> type strain (GenBank: AF257097.1) ¹
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

¹Also consistent with *Lactobacillus casei*

/Sonia Bjorum Brower/
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28 AUG 2023

Technical Manager or designee, ATCC Federal Solutions

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