

***Limosilactobacillus vaginalis*, Strain EX336960VC12**
Catalog No. HM-406
Product Description:

Limosilactobacillus vaginalis (*L. vaginalis*), strain EX336960VC12 was isolated in 2010 from a human mid-vaginal wall in Richmond, Virginia, USA. Previously referred to as *Lactobacillus vaginalis*, this genus has been reclassified and the designation on the vial label refers to the old nomenclature. HM-406 was produced by inoculation of BEI Resources seed lot 59852307 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: 70071001
Manufacturing Date: 30AUG2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Lactobacilli MRS agar Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Punctiform Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1460 base pairs)	≥ 99% sequence identity to <i>L. vaginalis</i> type strain (GenBank: ACGV01000168.1)	99.8% sequence identity to <i>L. vaginalis</i> type strain (GenBank: ACGV01000168.1)
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) 2 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Lactobacilli MRS agar	Growth	Growth

/Sonia Bjorum Brower/

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25 JAN 2025

Technical Manager or designee, ATCC Federal Solutions

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