

***Lactobacillus gasseri*, Strain EX336960VC02**
Catalog No. HM-399
Product Description:

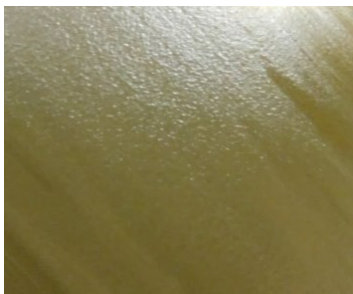
Lactobacillus gasseri (*L. gasseri*), strain EX336960VC02 was isolated in March 2010 from a human mid-vaginal wall in Richmond, Virginia, USA. HM-399 was produced by inoculation of BEI Resources seed lot 59852301 into Lactobacilli MRS broth and grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. The material from the initial growth was passaged once in Lactobacilli MRS broth for 2 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

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: 70065645
Manufacturing Date: 20JAN2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 1 day at 37°C in an aerobic atmosphere with 5% CO ₂ on Lactobacilli MRS agar Colony morphology 1 day 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 and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>L. gasseri</i> type strain (GenBank: CP000413.1)	99.8% sequence identity to <i>L. gasseri</i> type strain (GenBank: CP000413.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze) 1 day at 37°C in an aerobic atmosphere with 5% CO ₂ on Lactobacilli MRS agar	Growth	Growth

¹Also consistent with other *Lactobacillus* species

Figure 1: Colony Morphology


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