

***Lactobacillus vaginalis*, Strain EX336960VC05**

**Catalog No. HM-402**

**Product Description:**

*Lactobacillus vaginalis* (*L. vaginalis*), strain EX336960VC05 was isolated in March 2010 from a human mid-vaginal wall in Virginia, USA.

**Lot: 70026842<sup>1,2</sup>**

**Manufacturing Date: 03JUL2019**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup> Motility	Gram-positive rods Report results Report results	Gram-positive rods No growth on agar <sup>4</sup> Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1340 base pairs)	≥ 99% sequence identity to <i>L. vaginalis</i> type strain (GenBank: ACGV01000168.1)	99.6% sequence identity to <i>L. vaginalis</i> type strain (GenBank: ACGV01000168.1)
<b>Purity (post-freeze)<sup>5</sup></b>	Consistent with expected colony morphology	Consistent with expected colony morphology
<b>Viability (post-freeze)<sup>6</sup></b>	Growth	Growth

<sup>1</sup>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.

<sup>2</sup>*L. vaginalis*, strain EX336960VC05 was deposited by Professor Gregory A. Buck, Director, Center for the Study of Biological Complexity, Department of Microbiology and Immunology, Virginia Commonwealth University Medical Center, Richmond, Virginia, USA. HM-402 lot 70026842 was produced by the inoculation of BEI Resources HMS-402 lot 59852303 into Lactobacilli MRS broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. 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% CO<sub>2</sub> to produce this lot.

<sup>3</sup>1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Lactobacilli MRS agar

<sup>4</sup>Pinpoint white colonies were observed after 7 days of incubation.

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

<sup>6</sup>1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> in Lactobacilli MRS broth

/Heather Couch/

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17 OCT 2019

Program Manager or designee, ATCC Federal Solutions

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