

***Lactobacillus crispatus*, Strain MV-1A-US**

**Catalog No. HM-637**

**Product Description:** *Lactobacillus crispatus* (*L. crispatus*), strain MV-1A-US was isolated in 2007 from the vaginal mucosa of a healthy U.S. woman.

**Lot<sup>1,2</sup>: 0002014**

**Manufacturing Date: 07OCT2016**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-positive rod Report results  Report results	Gram-positive rod Circular, low convex, entire, smooth and cream (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 810 base pairs)	≥ 99% sequence identity to <i>L. crispatus</i> , strain MV-1A-US (GenBank: ACOG02000118)	≥ 99% sequence identity to <i>L. crispatus</i> , strain MV-1A-US (GenBank: ACOG02000118)
<b>Purity (post-freeze)<sup>4</sup></b>	Consistent with expected colony morphology	Consistent with expected colony morphology
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

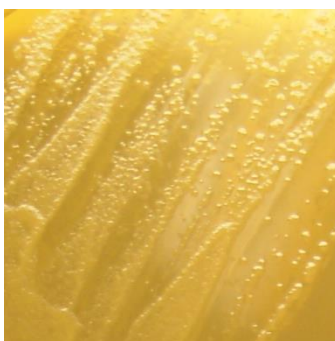
<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*L. crispatus*, strain MV-1A-US was deposited by Yang Liu, Ph.D., Senior Scientist & Group Leader, Osel Inc., Santa Clara, California, USA. The deposited material was inoculated into Lactobacilli MRS broth, which was passaged twice at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> and preserved in 10% glycerol. HM-637 was produced by inoculation of the preserved material into Lactobacilli MRS broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. The growth material was used to inoculate Lactobacilli MRS agar kolles, which were grown 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>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.

**Figure 1: Colony Morphology**



Date: 01 NOV 2016

Signature:



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