

**Lactobacillus jensenii, Strain JV-V16**

**Catalog No. HM-105**

**Product Description:**

*Lactobacillus jensenii* (*L. jensenii*), strain JV-V16, is a human isolate from Texas, USA. HM-105 was produced by inoculation of BEI Resources seed lot 58732485 into Lactobacilli MRS broth and grown for 2 days at 37°C in an aerobic atmosphere. The material from initial growth was passaged once to Lactobacilli MRS broth for 2 days at 37°C in an aerobic atmosphere 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: 70070995**

**Manufacturing Date: 13SEP2024**

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TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount) Hemolysis 2 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood VITEK® MS (MALDI-TOF)	Gram-positive rods Report results  Non-motile Report results  <i>L. jensenii</i>	Gram-positive rods Circular, convex, entire, smooth and cream (Figure 1) Non-motile α-hemolytic  <i>L. jensenii</i> (99.9%)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>L. jensenii</i> , strain JV-V16 (GenBank: ACGQ02000001.1)	99.9% sequence identity to <i>L. jensenii</i> , strain JV-V16 (GenBank: ACGQ02000001.1) <sup>1</sup>
<b>Purity (post-freeze)</b> 8 days at 37°C in an aerobic atmosphere with and without 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>Also consistent with other *Lactobacilli* species

Figure 1: Colony Morphology



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