

Lactobacillus iners, Strain Lactin V 09 (V1)-c

Catalog No. HM-702

Product Description:

Lactobacillus iners (*L. iners*), strain Lactin V 09 (V1)-c was isolated from a human vagina. HM-702 was produced by inoculation of BEI Resources seed lot 61881814 into Lactobacilli MRS broth, which was used to inoculate a Tryptic Soy agar with 5% defibrinated sheep blood plate, and both were grown for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). A loopful of colonies from the Tryptic Soy agar with 5% defibrinated sheep blood plate was suspended in the Lactobacilli MRS broth growth, and the growth mixture was added to a Tryptic Soy agar with 5% defibrinated sheep blood kolles, which was grown for 3 days at 37°C in an anaerobic 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: 70073782

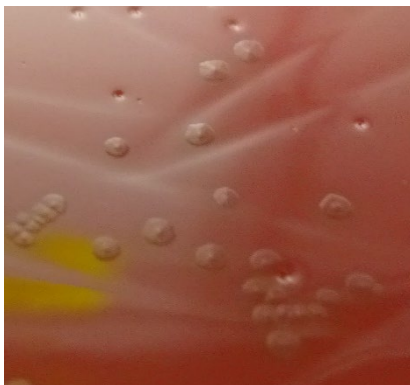
Manufacturing Date: 03FEB2025

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TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, slight peaked, undulate, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>L. iners</i> , strain Lactin V 09 (V1)-c (GenBank: AEHO01000002.1)	100% sequence identity to <i>L. iners</i> , strain Lactin V 09 (V1)-c (GenBank: AEHO01000002.1) ¹
Purity (post-freeze) Anaerobic 8 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 8 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology Growth consistent with expected colony morphology or no growth	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze) 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *L. iners* species

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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