

***Lactobacillus iners*, Strain Lactin V 03(V1)-b**
Catalog No. HM-701
Product Description:

Lactobacillus iners (*L. iners*), strain Lactin V 03(V1)-b was isolated from a human vagina. HM-701 was produced by inoculation of BEI Resources seed lot 61881800 into *Lactobacilli* MRS broth and grown for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 2 days at 37°C in an anaerobic atmosphere 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: 70067738
Manufacturing Date: 10APR2024

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, slightly peaked, entire smooth and gray Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% sequence identity to <i>L. iners</i> , Strain Lactin V 03(V1)-b (GenBank: AEHP01000037.1)	100% sequence identity to <i>L. iners</i> , Strain Lactin V 03(V1)-b (GenBank: AEHP01000037.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 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	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

/Sonia Bjorum Brower/

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17 JUN 2024

Technical Manager or designee, ATCC Federal Solutions

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