

***Lactobacillus iners*, Strain LEAF 3008A-a**

Catalog No. HM-708

Product Description:

Lactobacillus iners, strain LEAF 3008A-a was isolated from a human vagina. HM-708 was produced by inoculation of BEI Resources seed lot 61881796 into *Lactobacillus* MRS broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was used to inoculate Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were 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.

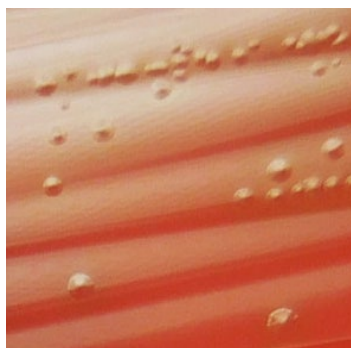
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70061790

Manufacturing Date: 13JUL2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, slightly peaked, entire, smooth and translucent (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1520 base pairs)	≥ 99% sequence identity to <i>L. iners</i> , strain LEAF 3008A-a (GenBank: AEKK01000019.1)	99.9% sequence identity to <i>L. iners</i> , strain LEAF 3008A-a (GenBank: AEKK01000019.1)
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	Report results Report results	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



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06 SEP 2023

Technical Manager or designee, ATCC Federal Solutions

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