

***Lactobacillus iners*, Strain LEAF 2052A-d**

Catalog No. HM-706

Product Description: *Lactobacillus iners* (*L. iners*), strain LEAF 2052A-d was isolated in 2007 from the vagina of a bacterial vaginosis patient.

Lot^{1,2}: 60771435

Manufacturing Date: 04APR2012

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ^{3,4}	Report results Report results	Gram-positive rod Colony type 1: Circular, flat with peaked center, gray and rough (Figure 1) Colony type 2: Circular, slight peaked, entire, gray and smooth (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1440 bp)	≥ 99% identical to GenBank: AEKI01000004 (<i>L. iners</i> , strain LEAF 2052A-d)	≥ 99% identical to GenBank: AEKI01000004 (<i>L. iners</i> , strain LEAF 2052A-d)
Viability (post-freeze)⁴	Growth	Growth

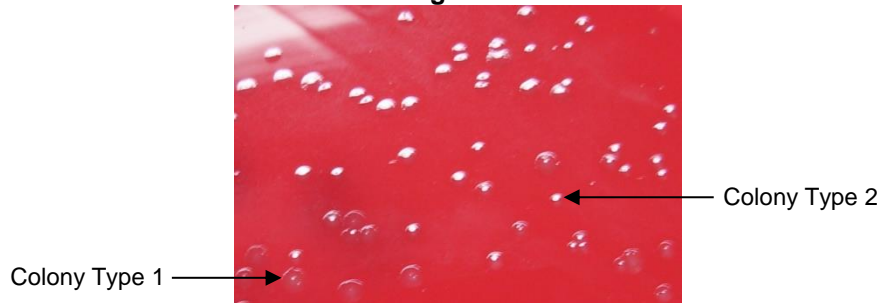
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*L. iners*, strain LEAF 2052A-d was deposited by Professor Sharon L. Hillier, Department of Obstetrics, Gynecology and Reproductive Sciences, Magee-Womens Research Institute, University of Pittsburgh, Pittsburgh, Pennsylvania. The deposited material was inoculated onto Tryptic Soy Agar with 5% defibrinated sheep blood plates and incubated for 72 hours at 37°C in an anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). *Lactobacillus* sake medium (ATCC medium 142) was used to harvest the bacteria from the plates and then added to Kolles and incubated for 72 hours at 37°C in an anaerobic atmosphere to produce this lot.

³Two colony types were observed. Plating of the individual colony types resulted in colony type 2 for both colony types. The 16S ribosomal RNA gene of each colony type was sequenced and determined to be consistent with the other colony type and *L. iners*.

⁴72 hours at 37°C in an anaerobic atmosphere (80% N₂:10% CO₂:10% H₂) on Tryptic Soy Agar with 5% defibrinated sheep blood

Figure 1



Date: 05 NOV 2012

Signature:

Title: Technical Manager, BEI Authentication or designee

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