

***Lactobacillus iners*, Strain UPII 143-D**

Catalog No. HM-126

Product Description: *Lactobacillus iners* (*L. iners*), strain UPII 143-D was isolated from a human vagina.

Lot^{1,2}: 64498967

Manufacturing Date: 17OCT2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility Hemolysis on blood agar ³	Gram-positive rods Report results Report results α-hemolytic	Gram-positive rods Circular, flat, entire, smooth and gray (Figure 1) Motile α-hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1530 base pairs)	≥ 99% sequence identity to <i>L. iners</i> , strain UPII 143-D (GenBank: AEXJ01000009)	99.9% sequence identity to <i>L. iners</i> , strain UPII 143-D (GenBank: AEXJ01000009)
Purity (post-freeze)⁴	Consistent with expected colony morphology	Consistent with expected colony morphology
Viability (post-freeze)³	Growth	Growth

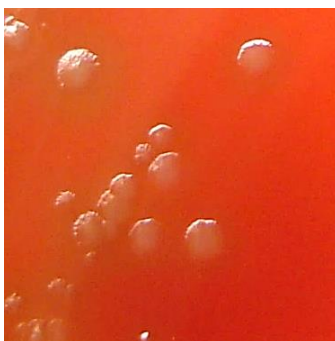
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*L. iners*, strain UPII 143-D was deposited by Sharon L. Hillier, Professor, Department of Obstetrics, Gynecology and Reproductive Sciences, Magee-Womens Research Institute, University of Pittsburgh, Pittsburgh, Pennsylvania, USA. HM-126 was produced by inoculation of HMS-126 (Lot 59588458) into *Lactobacillus* MRS broth. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood and both were incubated 2 days at 37°C in an aerobic atmosphere with 5% CO₂. Colonies from the agar growth were added to the broth growth and this biphasic culture was passaged twice for 2 and 3 days, respectively, on Tryptic Soy agar with 5% defibrinated sheep blood kolles at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³2 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Certificate of Analysis for HM-126

Date: 26 JAN 2017

Signature:



BEI Resources Authentication

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