

***Gardnerella vaginalis*, Strain UPII 315-A**

Catalog No. HM-133

Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain UPII 315-A was isolated from human vaginal flora.

Lot^{1,2}: 70006807

Manufacturing Date: 21JUL2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility	Report results ³ Report results Report results	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 770 base pairs)	≥ 99% sequence identity to <i>G. vaginalis</i> , strain UPII 315-A (GenBank: AFDI01000004.1)	100% sequence identity to <i>G. vaginalis</i> , strain UPII 315-A (GenBank: AFDI01000004.1)
Purity (post-freeze)⁵	Consistent with expected colony morphology	Consistent with expected colony morphology
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*G. vaginalis*, strain UPII 315-A 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-133 lot 70006807 was produced by the inoculation of BEI Resources HMS-133 lot 59588467 into NYC III broth. Broth inoculum was added to Chocolate agar. The inoculated agar and broth were each grown for 2 days at 37°C in an aerobic atmosphere with 5% CO₂. Colonies from the Chocolate agar culture were suspended into the NYC III broth growth, and this biphasic culture was added to Chocolate agar kolles, which were grown for 2 days at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³*G. vaginalis* is often described as a Gram-variable organism but has a thin, Gram-positive cell wall. For more information, please refer to Harper, J. J. and G. H. G. Davis. "Cell Wall Analysis of *Gardnerella vaginalis* (*Haemophilus vaginalis*).” *Int. J. Syst. Bacteriol.* 32 (1982): 48-50.

⁴2 days at 37°C in an aerobic atmosphere with 5% CO₂ on Chocolate agar

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

Figure 1: Colony Morphology



Date: 03 NOV 2017

Signature:



BEI Resources Authentication

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