

**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. HM-133 was produced by the inoculation of BEI Resources seed lot 59588467 into NYC III broth and incubated for 2 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Chocolate agar kolles, which were grown for 2 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> 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: 70057699**

**Manufacturing Date: 13JAN2023**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 2 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Chocolate agar Motility (wet mount)	Gram-positive rods Report results  Report results	Gram-variable rods <sup>1</sup> Circular, low convex, entire, smooth and gray (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 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) <sup>2</sup>
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b> 2 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Chocolate agar	Growth	Growth

<sup>1</sup>*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.

<sup>2</sup>Also consistent with other *Gardnerella* species.

**Figure 1: Colony Morphology**



/Sonia Bjorum Brower/

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