

**Gardnerella vaginalis, Strain JCP8481B**

**Catalog No. HM-1118**

**Product Description:** *Gardnerella vaginalis* (*G. vaginalis*), strain JCP8481B was isolated on June 1, 2011 from a clinical vaginal swab collected from a woman that tested positive for bacterial vaginosis (Nugent score = 10) at the Washington University School of Medicine in St. Louis, Missouri, USA.

**Lot<sup>1,2</sup>: 62108042**

**Manufacturing Date: 25OCT2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>4</sup>  Motility (wet mount)	Report results <sup>3</sup> Report results  Report results	Gram-variable rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: JX860321)
<b>Viability (post-freeze)<sup>4</sup></b>	Growth	Growth

<sup>1</sup>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.

<sup>2</sup>*G. vaginalis*, strain JCP8481B was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1118 was produced by inoculation of the deposited material into NYC III broth and incubated for 43 hours at 37°C in an anaerobic atmosphere (80% N<sub>2</sub>:20% CO<sub>2</sub>). The material from the initial growth was passaged once in NYC III broth for 48 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>3</sup>*G. vaginalis* is often described as a Gram-variable organism but has a thin, Gram-positive cell wall [see 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>4</sup>48 hours at 37°C in an anaerobic atmosphere (80% N<sub>2</sub>:20% CO<sub>2</sub>) on Chocolate agar

**Figure 1**



**Date:** 10 MAR 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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