SUPPORTING INFECTIOUS DISEASE RESEARCH

### Gardnerella vaginalis, Strain JCP8151B

#### Catalog No. HM-1116

**Product Description:** Gardnerella vaginalis (*G. vaginalis*), strain JCP8151B was isolated on April 13, 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>: 62108044

### Manufacturing Date: 01NOV2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Report results <sup>3</sup>	Gram-variable rods
Colony morphology <sup>4</sup>	Report results	Circular, convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Non-motile	Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 700 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: JX860319)
Purity (post-freeze)⁵	Growth consistent with G. vaginalis	Growth consistent with G. vaginalis
Viability (post-freeze) <sup>4</sup>	Growth	Growth

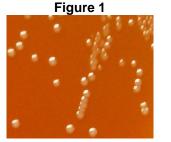
<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>G. vaginalis, strain JCP8151B was deposited by Amanda Lewis, Ph.D., Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1116 was produced by inoculation of the deposited material into NYC III broth and incubated for 48 hours at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel<sup>™</sup> Pack-Anaero<sup>™</sup> R681001). The material from the initial growth was passaged once in NYC III broth at 37°C for 49 hours in an anaerobic atmosphere to produce this lot.

<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>46 hours at 37°C in an anaerobic atmosphere on Chocolate agar

<sup>5</sup>Purity of this lot was assessed for 7 days on Chocolate agar at 37°C in an anaerobic atmosphere.



Date: 07 OCT 2014

Technical Manager, BEI Authentication or designee

ATCC<sup>®</sup>, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC<sup>®</sup>'s knowledge.

Signature:

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# **Certificate of Analysis for HM-1116**

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You are authorized to use this product for research use only. It is not intended for human use.

