SUPPORTING INFECTIOUS DISEASE RESEARCH

## Gardnerella vaginalis, Strain JCP8108

## Catalog No. HM-1114

**Product Description:** Gardnerella vaginalis (G. vaginalis), strain JCP8108 was isolated on April 7, 2011, from a clinical vaginal swab collected from a woman that tested positive for bacterial vaginosis (Nugent score = 8) at the Washington University School of Medicine in St. Louis, Missouri, USA.

## Lot<sup>1,2</sup>: 62108046

## Manufacturing Date: 180CT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology <sup>4</sup> Motility (wet mount)	Report results <sup>3</sup> Report results Report results	Gram-variable rods Punctiform and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 990 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: JX860317)
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 JCP8108 was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1114 was produced by inoculation of the deposited material into NYC III broth and incubated for 48 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].

 $^{4}$ 46 hours at 37°C in an anaerobic atmosphere (80% N<sub>2</sub>:20% CO<sub>2</sub>) on Chocolate agar



Date: 10 APR 2014

Technical Manager, BEI Authentication or designee

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