

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^{1,2}: 62108044

Manufacturing Date: 01NOV2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet mount)	Report results ³ Report results Non-motile	Gram-variable rods Circular, convex, entire, smooth and gray (Figure 1) 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 <i>G. vaginalis</i>	Growth consistent with <i>G. vaginalis</i>
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 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% O₂; Remel™ Pack-Anaero™ 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.

³*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*).³" *Int. J. Syst. Bacteriol.* 32 (1982): 48-50].

⁴46 hours at 37°C in an anaerobic atmosphere on Chocolate agar

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

Figure 1



Date: 07 OCT 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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