

Gardnerella vaginalis, Strain JCP8017A

Catalog No. HM-1110

Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain JCP8017A was isolated on March 23, 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^{1,2}: 62082919

Manufacturing Date: 25OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet mount)	Report results ³ Report results Report results	Gram-variable rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: JX860313)
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 JCP8017A was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1110 was produced by inoculation of the deposited material into NYC III broth and incubated for 46 hours at 37°C in an anaerobic atmosphere (80% N₂:20% CO₂). The material from the initial growth was passaged once in NYC III broth for 50 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

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

⁴48 hours at 37°C in an anaerobic atmosphere (80% N₂:20% CO₂) on Chocolate agar

Figure 1



Date: 26 FEB 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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