

Gardnerella vaginalis, Strain JCP8066

Catalog No. HM-1112

Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain JCP8066 was isolated on July 27, 2011, from a clinical vaginal swab collected from a woman that tested negative for bacterial vaginosis (Nugent score = 0) at the Washington University School of Medicine in St. Louis, Missouri, USA.

Lot^{1,2}: 62108048

Manufacturing Date: 18OCT2013

| TEST | SPECIFICATIONS | RESULTS |
|---|---|--|
| Phenotypic Analysis Cellular morphology Colony morphology ⁴ Motility (wet mount) | Report results ³ Report results Report results | Gram-variable pleomorphic rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1370 base pairs) | ≥ 99% identical to depositor's sequence | ≥ 99% identical to depositor's sequence (GenBank: JX860315) |
| 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 JCP8066 was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1112 was produced by inoculation of the deposited material into NYC III broth and incubated for 22 hours at 37°C in an anaerobic atmosphere (80% N₂:20% CO₂). Broth inoculum was added to Chocolate agar kolles which were grown for 23 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].

⁴22 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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