

Gardnerella vaginalis, Strain JCP7659

Catalog No. HM-1107

Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain JCP7659 was isolated on February 2, 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}: 62082916

Manufacturing Date: 18OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies ^{4,5} Motility (wet mount)	Report results ³ Report results Report results	Gram-variable rods Colony type 1: Punctiform and gray (Figure 1) Colony type 2: Circular, low 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: JX860310)
Viability (post-freeze)⁵	Growth	Growth

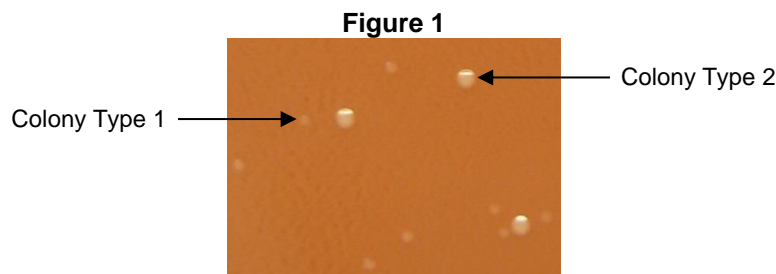
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*G. vaginalis*, strain JCP7659 was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1107 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*).³" *Int. J. Syst. Bacteriol.* 32 (1982): 48-50].

⁴Two colony types were observed. Plating of the individual colony types showed that they did not revert to the mixed colony type. The 16S ribosomal RNA gene of each colony type was sequenced and found to be consistent with the other colony type and depositor's sequence (GenBank: JX860310).

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



Date: 11 APR 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

Certificate of Analysis for HM-1107

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