

***Gardnerella pickettii*, Strain JCP7719 (Deposited as *Gardnerella vaginalis*, Strain JCP7719)**

**Catalog No. HM-1109**

**Product Description:**

*Gardnerella vaginalis* (*G. vaginalis*), strain JCP7719 was isolated in February 2011 from a clinical vaginal swab collected from a woman who tested positive for bacterial vaginosis (Nugent score = 8) at the Washington University School of Medicine in St. Louis, Missouri, USA. Previously referred to as *Gardnerella vaginalis*, this species has been reclassified and the designation on the vial label refers to the old nomenclature. HM-1109 was produced by inoculation of BEI Resources seed lot 62092357 into NYC III broth and grown for 2 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in NYC III broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: 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.

**Lot: 70051436**

**Manufacturing Date: 20APR2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 2 days at 37°C in an anaerobic atmosphere on Chocolate agar Motility (wet mount)	Gram-variable rods <sup>1</sup> Report results  Report results	Gram-variable rods Circular, convex, entire, smooth and gray (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>G. pickettii</i> type strain (GenBank: JAKNCU010000003.1)	99.7% sequence identity to <i>G. pickettii</i> type strain (GenBank: JAKNCU010000003.1) <sup>2</sup>
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology  Growth consistent with expected colony morphology	Growth consistent with expected colony morphology  Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b> 2 days at 37°C in an anaerobic atmosphere on Chocolate agar	Growth	Growth

<sup>1</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].

<sup>2</sup>Also consistent with other *Gardnerella* species.

Figure 1: Colony Morphology



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