

***Gardnerella vaginalis*, Strain JCP8017B**

Catalog No. HM-1111

Product Description:

Gardnerella vaginalis (*G. vaginalis*), strain JCP8017B 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. HM-1111 was produced by the inoculation of BEI Resources seed lot 62108031 into NYC III broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Chocolate agar kolles, which were grown for 2 days at 37°C in an aerobic 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: 70061789

Manufacturing Date: 21JUL2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-variable rods Report results Report results	Gram-variable rods ¹ Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 360 base pairs)	≥ 99% sequence identity to <i>Gardnerella vaginalis</i> JCP8017B (GenBank: ATJM01000000)	100% sequence identity to <i>Gardnerella vaginalis</i> JCP8017B (GenBank: ATJM01000000) ²
Purity (post-freeze) Anaerobic 7 days at 37°C on Chocolate agar Aerobic with 5% CO ₂ 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
Viability (post-freeze)	Growth	Growth

¹*G. vaginalis* is often described as a Gram-variable organism but has a thin, Gram-positive cell wall [Refer to Harper, J. J. and G. H. G. Davis. "Cell Wall Analysis of *Gardnerella vaginalis* (*Haemophilus vaginalis*)."
Int. J. Syst. Bacteriol. 32 (1982): 48-50].

²Also consistent with other *Gardnerella* sp.

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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08 SEP 2023

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