

Gardnerella vaginalis, Strain JCP8151A

Catalog No. HM-1115

Product Description:

Gardnerella vaginalis (*G. vaginalis*), strain JCP8151A was isolated on April 13, 2011, from a clinical vaginal swab collected from a woman that tested positive for bacterial vaginosis (Nugent score = 10) at the Washington University School of Medicine in St. Louis, Missouri, USA. HM-1115 lot 70051439 was produced by inoculation of BEI Resources seed lot 62108035 into NYC III broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; 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.

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: 70051439

Manufacturing Date: 15APR2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days at 37°C in an anaerobic atmosphere on Chocolate agar Motility (wet mount)	Gram-variable rods ¹ Report results Report results	Gram-variable rods Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1360 base pairs)	≥ 99% sequence identity to <i>G. vaginalis</i> , type strain (GenBank: SJWZ01000011.1)	99.1% sequence identity to <i>G. vaginalis</i> , type strain (GenBank: SJWZ01000011.1)
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 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) 2 days at 37°C in an anaerobic atmosphere on Chocolate agar	Growth	Growth

¹*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].

Figure 1: Colony Morphology



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