

Gardnerella vaginalis, Strain JCP8017A

Catalog No. HM-1110

Product Description:

Gardnerella vaginalis (*G. vaginalis*), strain JCP8017A 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-1110 lot 70051437 was produced by inoculation of BEI Resources seed lot 62092359 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.

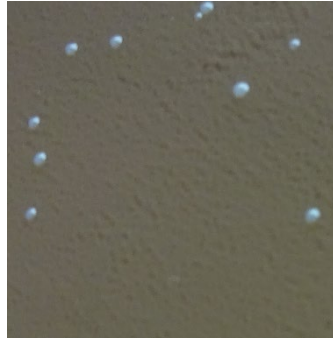
Lot: 70051437

Manufacturing Date: 06MAY2022

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 (~ 1400 base pairs)	≥ 99% identical to the depositor's sequence (GenBank: JX860313)	99% identical to the depositor's sequence (GenBank: JX860313)
Purity (post-freeze) Anaerobic 7 days at 37°C in an anaerobic atmosphere 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) 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*).¹" *Int. J. Syst. Bacteriol.* 32 (1982): 48-50].

Figure 1: Colony Morphology



/Sonia Bjorum Brower/
Sonia Bjorum Brower

Technical Manager or designee, ATCC Federal Solutions

15 AUG 2022

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

