Certificate of Analysis for HM-1111

Gardnerella pickettii, Strain JCP8017B (Deposited as *Gardnerella vaginalis*, Strain JCP8017B)

Catalog No. HM-1111

Product Description:

Gardnerella vaginalis (G. vaginalis), strain JCP8017B was isolated in March 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-1111 was produced by the inoculation of BEI Resources seed lot 62108031 into NYC III broth and grown for 2 days at 37°C in an anaerobic atmosphere (< 5% O_2; 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	Gram-variable rods[1]	Gram-variable rods
Colony morphology	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% sequence identity to *G. pickettii* type strain (GenBank: JAKNCU010000003.1)	99.9% sequence identity to *G. pickettii* type strain (GenBank: JAKNCU010000003.1)[2]
Purity (post-freeze)		
Anaerobic 7 days at 37°C on Chocolate agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
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
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].
[2]Also consistent with other *Gardnerella* species

Figure 1: Colony Morphology

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898

© 2023 American Type Culture Collection (ATCC). All rights reserved.

Certificate of Analysis for HM-1111

/Sonia Bjorum Brower/
Sonia Bjorum Brower 08 SEP 2023
Technical Manager or designee, ATCC Federal Solutions

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.

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898

© 2023 American Type Culture Collection (ATCC). All rights reserved.