b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-1111

Gardnerella vaginalis, Strain JCP8017B

Catalog No. HM-1111

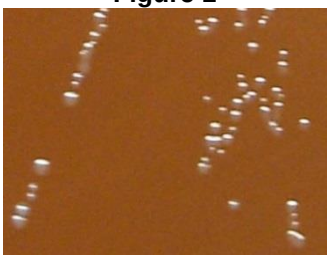
Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain JCP8017B was isolated on March 23, 2011, from a clinical vaginal swab collected from a woman that tested positive for bacterial vaginosis (Nugent score = 8) at the Washington University School of Medicine in St. Louis, Missouri, USA.

Lot[1,2]: 62108049 **Manufacturing Date: 18OCT2013**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Report results[3]	Gram-variable pleomorphic rods
Colony morphology[4]	Report results	Circular, convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1380 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: JX860314)
Viability (post-freeze)[4]	Growth	Growth

[1]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.
[2]*G. vaginalis*, strain JCP8017B was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1111 was produced by inoculation of the deposited material into NYC III broth and incubated for 22 hours at 37°C in an anaerobic atmosphere (80% N_2:20% CO_2). Broth inoculum was added to Chocolate agar kolles which were grown for 23 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.
[3]*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].
[4]46 hours at 37°C in an anaerobic atmosphere (80% N_2:20% CO_2) on Chocolate agar

Figure 1



Date: 26 FEB 2014 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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.

Support Provided by NIAID

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

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