b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-1113

Gardnerella vaginalis, Strain JCP8070

Catalog No. HM-1113

Product Description: *Gardnerella vaginalis* (*G. vaginalis*), strain JCP8070 was isolated on July 28, 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]: 62108047 **Manufacturing Date: 18OCT2013**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Report results[3]	Gram-variable rods
Colony morphology[4]	Report results	Punctiform and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank: JX860316)
Viability (post-freeze)[4]	Growth	Growth

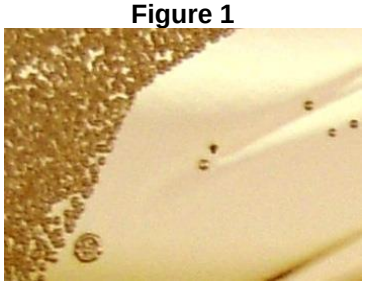
[1]Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

[2]*G. vaginalis*, strain JCP8070 was deposited by Amanda Lewis, PhD, Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri. HM-1113 was produced by inoculation of the deposited material into NYC III broth and incubated for 48 hours at 37°C in an anaerobic atmosphere (80% N_2:20% CO_2). The material from the initial growth was passaged once in NYC III broth for 48 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: 10 MAR 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.

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