

***Gardnerella vaginalis*, Strain JCP7275**

**Catalog No. HM-1105**

**Product Description:** *Gardnerella vaginalis* (*G. vaginalis*), strain JCP7275 was isolated in 2010 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.

**Lot<sup>1,2</sup>: 70009957**

**Manufacturing Date: 01NOV2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>4</sup> Motility (wet mount)	Report results <sup>3</sup> Report results Report results	Gram-negative rods Punctiform (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 790 base pairs)	≥ 99% sequence identity to <i>G. vaginalis</i> , strain JCP7275 (GenBank: JX860308.1)	100% sequence identity to <i>G. vaginalis</i> , strain JCP7275 (GenBank: JX860308.1)
<b>Purity (post-freeze)</b> Anaerobic growth <sup>5</sup>  Aerobic growth <sup>6</sup>	Growth consistent with expected colony morphology Report results	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
<b>Viability (post-freeze)<sup>4</sup></b>	Growth	Growth

<sup>1</sup>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.

<sup>2</sup>*G. vaginalis*, strain JCP7275 was deposited by Amanda Lewis, Ph.D., Assistant Professor of Molecular Microbiology, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1105 lot 70009957 was produced by inoculation of BEI Resources HMS-1105 lot 62092351 into NYC III broth and incubated for 1 day at 37°C in an anaerobic atmosphere (< 0.5% O<sub>2</sub>; Reme!™ AnaeroPack-Anaero™). The material from the initial growth was passaged once in NYC III broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>*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*).<sup>4</sup>" *Int. J. Syst. Bacteriol.* 32 (1982): 48-50].

<sup>4</sup>1 day at 37°C in an anaerobic atmosphere on Chocolate agar

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

<sup>6</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



**Date:** 10 JAN 2018

**Signature:**



BEI Resources Authentication

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.

