

***Gardnerella vaginalis*, Strain JCP7672**
Catalog No. HM-1108
Product Description:

Gardnerella vaginalis (*G. vaginalis*), strain JCP7672 was isolated in February 2011 from a clinical vaginal swab collected from a woman that tested negative for bacterial vaginosis (Nugent score = 3) in Missouri, USA. HM-1108 was produced by inoculation of BEI Resources seed lot 62092356 into NYC III broth and grown for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ AnaeroPack™-Anaero). The material from the initial growth was passaged once in NYC III broth for 3 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: 70082639
Manufacturing Date: 21MAY2026

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-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% sequence identity to <i>G. vaginalis</i> , strain JCP7672 (GenBank: ATJP01000147.1)	99.7% sequence identity to <i>G. vaginalis</i> , strain JCP7672 (GenBank: ATJP01000147.1) ²
Purity (post-freeze) Anaerobic 8 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 8 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology No growth	Growth consistent with expected colony morphology No growth
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*).²" *Int. J. Syst. Bacteriol.* 32 (1982): 48-50].

²Also consistent with other *Gardnerella* species

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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24 JUL 2026

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