

***Gardnerella vaginalis*, Strain JCP8108**
Catalog No. HM-1114
Product Description:

Gardnerella vaginalis (*G. vaginalis*), strain JCP8108 was isolated on April 7, 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. HM-1114 was produced by the inoculation of BEI Resources seed lot 62108034 into NYC III broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in NYC III broth for 2 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: 70057698
Manufacturing Date: 13JAN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ¹ Colony morphology 4 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Report results Report results Report results	Gram-negative rods No growth on agar ² Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1370 base pairs)	≥ 99% sequence identity to <i>G. vaginalis</i> , strain JCP8108 (GenBank: JX860317)	99.6% sequence identity to <i>G. vaginalis</i> , strain JCP8108 (GenBank: JX860317)
Purity (post-freeze)² Anaerobic 7 days at 37°C on Chocolate agar Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Report results Report results	No growth No growth
Viability (post-freeze) 2 days at 37°C in an anaerobic atmosphere in NYC III broth	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].

²Growth on agar is not recommended for *G. vaginalis*, strain JCP8108 and may not be reproducible.

/Sonia Bjorun Brower/

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18 JUL 2023

Technical Manager or designee, ATCC Federal Solutions

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