

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 who tested positive for bacterial vaginosis (Nugent score = 10) at the Washington University School of Medicine in St. Louis, Missouri, USA. HM-1105 was produced by inoculation of BEI Resources seed lot 62092351 into NYC III broth and grown for 1 day 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 1 day at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed on Chocolate agar under propagation conditions unless otherwise noted.

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: 70056669

Manufacturing Date: 18JAN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Punctiform Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1390 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) ¹
Purity (post-freeze) 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	Growth consistent with expected colony morphology Growth consistent with expected colony morphology	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Gardnerella* sp.

/Sonia Bjorum Brower/
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17 APR 2023

Technical Manager or designee, ATCC Federal Solutions

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