

Prevotella bivia, Strain GED7760C
Catalog No. HM-1286
Product Description:

Prevotella bivia (*P. bivia*), strain GED7760C is a vaginal isolate obtained in 2014 from a pregnant woman with bacterial vaginosis in St. Louis, Missouri, USA. HM-1286 was produced by inoculation of BEI Resources seed lot 70006592 into Modified Reinforced Clostridial broth and grown 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 Modified Reinforced Clostridial broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed 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: 70077575
Manufacturing Date: 08AUG2025

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days at 37°C in an anaerobic atmosphere on Brucella agar with hemin(5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood. Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-negative rods Report results Report results <i>P. bivia</i>	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Non-motile <i>P. bivia</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% sequence identity to <i>P. bivia</i> , strain GED7760C (GenBank: LRQF02000029.1)	99.9% sequence identity to <i>P. bivia</i> , strain GED7760C (GenBank: LRQF02000029.1) ¹
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood 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 No growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *bivia* species.

Figure 1: Colony Morphology


/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

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