

***Prevotella bivia*, Strain GED7880**

Catalog No. HM-1270

Product Description: *Prevotella bivia* (*P. bivia*), strain GED7880 is a vaginal isolate obtained in 2014 from a woman with bacterial vaginosis in St. Louis, Missouri, USA.

Lot^{1,2}: 70006640

Manufacturing Date: 30JUN2017

| TEST | SPECIFICATIONS | RESULTS |
|--|---|---|
| Phenotypic Analysis Cellular morphology Colony morphology ³ 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, opaque and white (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 GED7880 (GenBank: LTAG01000045.1) | 99.8% sequence identity to <i>P. bivia</i> , strain GED7880 (GenBank: LTAG01000045.1) |
| Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵ | Growth consistent with expected colony morphology No growth | Growth consistent with expected colony morphology No growth |
| Viability (post-freeze)³ | Growth | Growth |

¹Quality 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.

²*P. bivia*, strain GED7880 was deposited by Amanda Lewis, Ph.D., Assistant Professor, Department of Molecular Microbiology, Washington University School of Medicine, St. Louis, Missouri, USA. HM-1270 was produced by inoculation of the deposited material into Modified Reinforced Clostridial 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 Modified Reinforced Clostridial broth for 2 day at 37°C in an anaerobic atmosphere to produce this lot.

³2 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

⁴Purity of this lot was assessed for 7 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.

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Certificate of Analysis for HM-1270

Date: 01 NOV 2017

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.

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