

Prevotella bivia, Strain DNF00650

Catalog No. HM-1165

Product Description:

Prevotella bivia (*P. bivia*), strain DNF00650 was isolated on July 21, 2011, from vaginal fluid collected from a woman that tested positive for bacterial vaginosis, in USA. HM-1165 lot 70058044 was produced by the inoculation of the BEI Resources seed lot 63632822 into Modified Chopped Meat medium and a Tryptic Soy agar with 5% defibrinated sheep blood plate. Both were grown at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™) for 4 days. Colonies from the plate were scraped into the modified chopped meat medium growth, and the growth mixture was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 3 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.

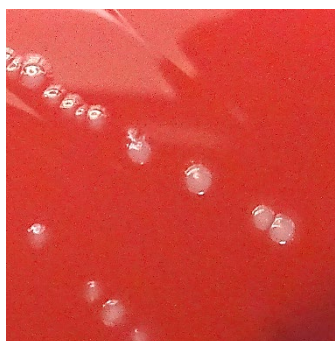
Lot: 70058044

Manufacturing Date: 30JAN2023

| TEST | SPECIFICATIONS | RESULTS |
|---|--|---|
| Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) | Gram-negative rods Report results Report results | Gram-negative rods Circular, convex, undulate, smooth and cream (Figure 1) Non-motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs) | ≥ 99% sequence identity to <i>P. bivia</i> , strain DNF00650 (GenBank: JRNM01000057.1) | 99.9% sequence identity to <i>P. bivia</i> , strain DNF00650 (GenBank: JRNM01000057.1) 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 *Prevotella* sp.

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

Sonia Bjorum Brower

16 MAY 2023

Technical Manager or designee, ATCC Federal Solutions

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