

**Prevotella sp., Strain BV3P1**

**Catalog No. HM-827**

**Product Description:** *Prevotella* sp., strain BV3P1 was isolated from a human vaginal swab.

**Lot<sup>1,2</sup>: 62694875**

**Manufacturing Date: 27JUN2014**

| TEST  | SPECIFICATIONS  | RESULTS   |
|---|---|---|
| <b>Phenotypic Analysis</b><br>Cellular morphology<br>Colony morphology <sup>3</sup><br><br>Motility (wet mount) | Gram-negative rods<br>Report results<br><br>Non-motile                                | Gram-negative rods<br>Circular, convex, entire, opaque,<br>smooth and gray (Figure 1)<br>Non-motile |
| <b>Genotypic Analysis</b><br>Sequencing of 16S ribosomal RNA gene<br>(~ 1170 base pairs)                        | ≥ 99% identical to GenBank:<br>AWXC01000033 ( <i>Prevotella</i> sp.,<br>strain BV3P1) | ≥ 99% identical to GenBank:<br>AWXC01000033 ( <i>Prevotella</i> sp.,<br>strain BV3P1)               |
| <b>Purity (post-freeze)</b><br>Anaerobic growth <sup>4</sup><br>Aerobic growth <sup>5</sup>                     | Growth consistent with <i>Prevotella</i> sp.<br>No growth                             | Growth consistent with <i>Prevotella</i> sp.<br>No growth   |
| <b>Viability (post-freeze)<sup>3</sup></b>  | Growth  | Growth  |

<sup>1</sup>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.

<sup>2</sup>*Prevotella* sp., strain BV3P1 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. Initial subcultures of the deposited material were found to be contaminated with a Gram-positive bacterium. Successive cultures on Fastidious agar for 72 hours then Tryptic Soy agar with 5% defibrinated sheep blood for 96 hours at 37°C in an anaerobic atmosphere (90% N<sub>2</sub>: 5% CO<sub>2</sub>: 5% H<sub>2</sub>) afforded a uniform, Gram-negative colony. The purified material was passaged twice in Modified Chopped Meat medium for 72 and 96 hours, respectively, at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>67 hours at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™ R681001) on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>4</sup>Purity of this lot was assessed in an anaerobic atmosphere for 67 hours at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

<sup>5</sup>Purity of this lot was assessed in an aerobic atmosphere with 5%CO<sub>2</sub> for 7 days hours at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1



**Date:** 16 SEP 2014

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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