

***Prevotella bivia*, Strain DNF00188**

Catalog No. HM-1088

Product Description: *Prevotella bivia* (*P. bivia*), strain DNF00188 (also referred to as SEQ227) was isolated in 2011 from vaginal fluid collected from a woman that tested positive for bacterial vaginosis in the United States.

Lot^{1,2}: 63636561

Manufacturing Date: 24JUL2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 840 base pairs)	≥ 99% identical to GenBank: JRNFF01000130.1 (<i>P. bivia</i> , strain DNF00188)	≥ 99% identical to GenBank: JRNFF01000130.1 (<i>P. bivia</i> , strain DNF00188)
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 DNF00188 was deposited by David N. Fredricks, Principal Investigator, Vaccine and Infectious Diseases Division, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA. The deposited material was inoculated into Peptone Yeast Extract Glucose (PYG) broth with 0.1% Tween 80 and grown for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™) and preserved in 5% DMSO. HM-1088 was produced by inoculation of the preserved material into Modified Reinforced Clostridial medium and incubated for 2 days at 37°C in an anaerobic atmosphere. The material from this growth was added to Modified Reinforced Clostridial medium bottles, which were grown for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

³2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar 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



Date: 16 DEC 2015

Signature: 

BEI Resources Authentication

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