

Certificate of Analysis for HM-1270

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.

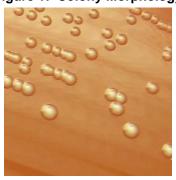
Lot^{1,2}: 70006640 Manufacturing Date: 30JUN2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ³	Report results	Circular, convex, entire, smooth, opaque and white (Figure 1)
Motility (wet mount)	Report results	Non-motile
VITEK® MS (MALDI-TOF)	P. bivia	P. bivia (99.9%)
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% sequence identity to P. bivia, 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	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Aerobic growth ⁵	No growth	No growth
Viability (post-freeze) ³	Growth	Growth

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.

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.





BEI Resources www.beiresources.org E-mail: contact@beiresources.org Tel: 800-359-7370

Fax: 703-365-2898

²P. 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.



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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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E-mail: contact@beiresources.org
Tel: 800-359-7370