

Certificate of Analysis for HM-1103

Prevotella sp., Strain S7-1-8

Catalog No. HM-1103

Product Description: *Prevotella* sp., strain S7-1-8 is a vaginal isolate obtained in 2012 from a woman with bacterial vaginosis in Washington, USA.

Lot^{1,2}: 70012285

Manufacturing Date: 16APR2018

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 (~ 1430 base pairs)	≥ 99% sequence identity to <i>Prevotella</i> sp., strain S7-1-8 (GenBank: JRNC01000117.1)	100% sequence identity to <i>Prevotella</i> sp., strain S7-1-8 (GenBank: JRNC01000117.1)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Consistent with expected colony morphology No 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*Prevotella* sp., strain S7-1-8 was deposited by Dr. Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. The deposited material was inoculated into Modified Chopped Meat broth which was cultivated on Tryptic Soy agar with 5% defibrinated sheep blood plates for 7 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The growth material was passaged once on Tryptic Soy agar with 5% defibrinated sheep blood plates for 3 days in an anaerobic atmosphere. Colonies were then suspended in Modified Chopped Meat broth and preserved in 10% glycerol. HM-1103 was produced by inoculation of the preserved material into Modified Chopped Meat broth and grown 3 days at 37°C in an anaerobic atmosphere. Broth inoculum was passaged in Modified Chopped Meat broth for 3 days at 37°C in an anaerobic atmosphere to produce this lot.

³3 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



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/Heather Couch/

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10 AUG 2018

Program Manager or designee, ATCC Federal Solutions

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