

***Peptostreptococcus* sp., Strain MV1**

Catalog No. HM-1102

Product Description: *Peptostreptococcus* sp., strain MV1 was isolated in 2011 from the vagina of a woman that tested positive for bacterial vaginosis in Seattle, Washington, USA.

Lot^{1,2}: 64193316

Manufacturing Date: 20MAY2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet-mount)	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, raised, entire, smooth and gray (Figure 1) Non-Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>Peptostreptococcus</i> sp., strain MV1 (GenBank: JRN01000062.1)	≥ 99% sequence identity to <i>Peptostreptococcus</i> sp., strain MV1 (GenBank: JRN01000062.1)
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.

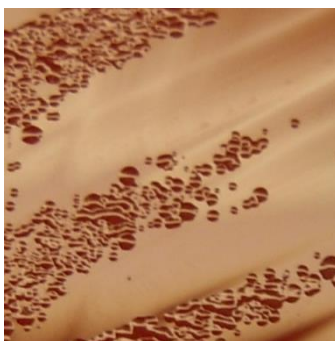
²*Peptostreptococcus* sp., strain MV1 was deposited by Dr. Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. The deposited material was inoculated into Modified Reinforced Clostridial broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

³1 day 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



Certificate of Analysis for HM-1102

Date: 14 JUN 2016

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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