b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-850

Veillonella sp., Strain HPA0037

Catalog No. HM-850

Product Description: *Veillonella* sp., strain HPA0037 was isolated from a biopsy of ileal-anal pouch mucosa of a human subject in the United States.

Lot[1,2]: 64447410 **Manufacturing Date: 08SEP2016**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative cocci	Gram-negative cocci
Colony morphology[3]	Report results	Circular, convex, entire, smooth and white (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 760 base pairs)	≥ 99% sequence identity to *Veillonella* sp., strain HPA0037 (GenBank: ATCG01000013.1)	≥ 99% sequence identity to *Veillonella* sp., strain HPA0037 (GenBank: ATCG01000013.1)
Purity (post-freeze)		
Anaerobic growth[4]	Consistent with expected colony morphology	Consistent with expected colony morphology
Aerobic growth[5]	No growth	No growth
Viability (post-freeze)[3]	Growth	Growth

[1]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.
[2]*Veillonella* sp., strain HPA0037 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. HM-850 was produced by inoculation of the deposited material into Reinforced Clostridial medium with sodium lactate and incubated for 1 day at 37°C in an anaerobic atmosphere (< 0.5% O_2; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Reinforced Clostridial medium with sodium lactate broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.
[3]1 day at 37°C in an anaerobic atmosphere on Reinforced Clostridial medium with sodium lactate agar
[4]Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Reinforced Clostridial medium with sodium lactate agar.
[5]Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO_2 on Tryptic Soy agar with 5% defibrinated sheep blood
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Figure 1: Colony Morphology

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Date: 08 NOV 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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