b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-49

Veillonella sp., Strain 6_1_27

Catalog No. HM-49

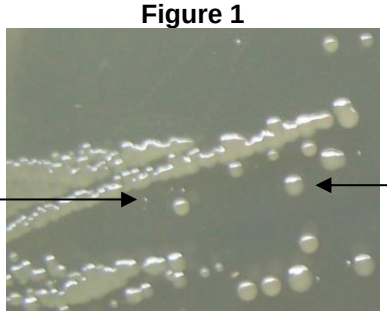
Product Description: *Veillonella* sp., strain 6_1_27 was isolated from rectal biopsy tissue taken from a healthy, 59-year-old male patient undergoing a colon cancer screen procedure in Calgary, Alberta, Canada in 2007.

Lot[1,2]: 60896599 **Manufacturing Date: 31MAR2012**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies[3,4]	 Report results Report results	 Gram-negative cocci Colony type 1: Circular, convex, entire, translucent and cream (Figure 1) Colony type 2: Pinpoint and cream (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	 ≥ 99% identical to GenBank: ADCW01000016 (*Veillonella* sp., strain 6_1_27)	 ≥ 99% identical to GenBank: ADCW01000016 (*Veillonella* sp., strain 6_1_27)
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 6_1_27 was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Reinforced Clostridial Medium with sodium lactate (ATCC medium 1252) and incubated for 48 hours at 37°C in an anaerobic atmosphere (80% N_2:10% CO_2:10% H_2). The material from the initial growth was passaged once in Reinforced Clostridial Medium with sodium lactate for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.
[3]Two colony types were observed, individually isolated and characterized. Each colony type reverted back to a blend of both types. The 16S ribosomal RNA gene of each colony type was sequenced and found to be consistent with *Veillonella* sp.
[4]48 hours at 37°C in an anaerobic atmosphere on Reinforced Clostridial Medium with sodium lactate

Figure 1



Date: 23 JUL 2012 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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.

Support Provided by NIAID

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898