b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-766

Eubacterium sp., Strain AS15

Catalog No. HM-766

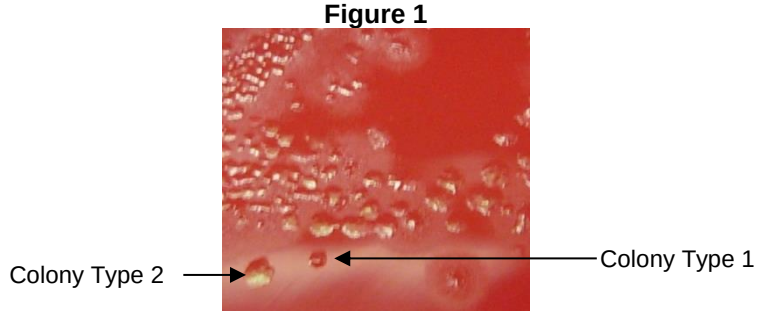
Product Description: *Eubacterium* sp., strain AS15 (also referred to as AS15b) was isolated from a subgingival oral biofilm of a patient.

Lot[1,2]: 61859905 **Manufacturing Date: 15JUL2013**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphologies[3,4]	 Gram-positive rods Report results	 Gram-positive rods Colony type 1: Circular, convex, translucent and smooth (Figure 1) Colony type 2: Irregular, low convex and dry (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 920 base pairs)	 ≥ 99% identical to *Eubacterium* sp., strain AS15 (GenBank: HQ616364)	 ≥ 99% identical to *Eubacterium* sp., strain AS15 (GenBank: HQ616364)
Viability (post-freeze)[4]	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]*Eubacterium* sp., strain AS15 was deposited by Dr. Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-766 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 48 hours at 37°C and anaerobic atmosphere (90% N_2:5% CO_2:5% H_2). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 72 hours at 37°C and anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.
[3]Two colony types were observed. Plating of the individual colony types showed that they did not revert to the mixed colony type. The 16S ribosomal RNA gene of each colony type was sequenced and found to be consistent with the other colony type and *Eubacterium* sp.
[4]48 hours at 37°C and anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

Figure 1



Date: 16 OCT 2013 **Signature:**

Title: Technical Manager, BEI Authentication or designee

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