

***Bacteroides eggerthii*, Strain 1\_2\_48FAA**

**Catalog No. HM-210**

**Product Description:** *Bacteroides eggerthii* (*B. eggerthii*), strain 1\_2\_48FAA was isolated from inflamed biopsy tissue taken from the gastrointestinal tract of a 25-year-old male patient with symptoms of irritable bowel syndrome.

**Lot<sup>1,2</sup>: 70009962**

**Manufacturing Date: 02NOV2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-negative rod Report results  Report results	Gram-negative rod Circular, convex, entire, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 770 base pairs)	≥ 99% sequence identity to <i>B. eggerthii</i> , strain 1_2_48FAA (GenBank: ACWG01000065.1)	100% sequence identity to <i>B. eggerthii</i> , strain 1_2_48FAA (GenBank: ACWG01000065.1)
<b>Purity (post-freeze)</b> Anaerobic growth <sup>4</sup>  Aerobic growth <sup>5</sup>	Consistent with expected colony morphology Report results	Consistent with expected colony morphology No growth
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>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.

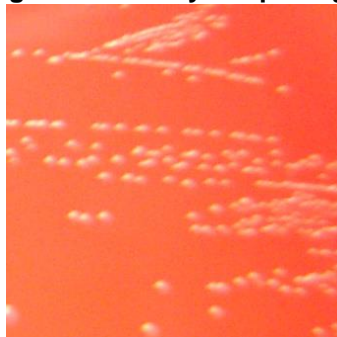
<sup>2</sup>*B. eggerthii*, strain 1\_2\_48FAA was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-210 lot 70009962 was produced by inoculation of BEI Resources HMS-210 lot 60687460 into Modified Chopped Meat broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Chopped Meat broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>4</sup>Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



**Date:** 29 JAN 2018

**Signature:**



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