

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. HM-210 was produced by inoculation of BEI Resources seed lot 60687460 into Modified Chopped Meat broth and grown 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 Chopped Meat broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: 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.

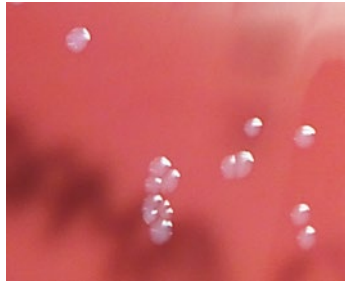
Lot: 70074255

Manufacturing Date: 28FEB2025

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TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 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)
Purity (post-freeze) Anaerobic 7 days at 37°C in anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic 7 days at 37°C with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology Growth consistent with expected colony morphology or no growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze) 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



/Sonia Bjorum Brower/
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17 APR 2025

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