

Bacteroides fragilis, Strain CL07T00C01

Catalog No. HM-709

Product Description:

Bacteroides fragilis, strain CL07T00C01 was isolated from feces sample of a healthy adult in Massachusetts, USA. HM-709 was produced by inoculation of BEI Resources seed lot 61554746 into Modified Reinforced Clostridial broth and grown for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The initial material was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 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.

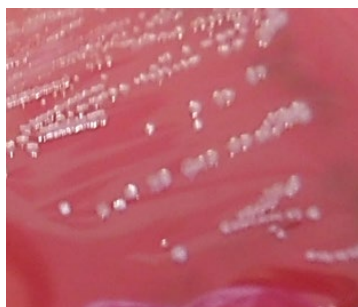
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70072342

Manufacturing Date: 01NOV2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 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, 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. fragilis</i> , strain CL07T00C01 (GenBank: AGXM01000020.1)	99.8% sequence identity to <i>B. fragilis</i> , strain CL07T00C01 (GenBank: AGXM01000020.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology No growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze)	Growth	Growth

Figure 1: Colony Morphology



Certificate of Analysis for HM-709/Sonia Bjorum Brower/Sonia Bjorum Brower

11 MAR 2025

Technical Manager or designee, ATCC Federal Solutions

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