

***Bacteroides fragilis*, Strain CL05T00C42**

**Catalog No. HM-711**

**Product Description:**

*Bacteroides fragilis* (*B. fragilis*), strain CL05T00C42 was isolated from healthy adult feces in Massachusetts, USA. HM-711 lot 70032750 was produced by the inoculation of the BEI Resources seed lot into Modified Chopped Meat broth and incubated for 1 day at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; MGC 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.

**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: 70032750**

**Manufacturing Date: 20FEB2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 1 day at 37°C in an anaerobic atmosphere on Tryptic Soy Agar with 5% sheep blood Motility (wet mount)	Gram-negative bacilli Report results  Report results	Gram-negative bacilli Circular, convex, entire, smooth and gray (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (1440 base pairs)	≥ 99% sequence identity to <i>B. fragilis</i> , strain CL05T00C42 (GenBank: AKBY01000004.1)	100% sequence identity to <i>B. fragilis</i> , strain CL05T00C42 (GenBank: AKBY01000004.1)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO <sub>2</sub> 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
<b>Viability (post-freeze)</b> 1 day at 37°C in an anaerobic atmosphere on Tryptic Soy Agar with 5% sheep blood	Growth	Growth

**Figure 1: Colony Morphology**



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06 MAY 2020

Program Manager or designee, ATCC Federal Solutions

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