

Certificate of Analysis for HM-711

Bacteroides fragilis, Strain CL05T00C42

Catalog No. HM-711

Product Description:

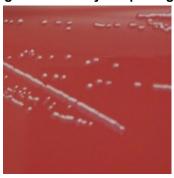
Bacteroides fragilis (B. fragilis), strain CL05T00C42 was isolated from healthy adult feces in Massachusetts, USA. HM-711 lot 70032750 was produced by the inoculation of the BEI Resources seed lot into Modified Chopped Meat broth and incubated for 1 day at 37°C in an anaerobic atmosphere (< 5% O₂; MGC 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.

<u>Note</u>: 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

		DE0111 TO
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative bacilli	Gram-negative bacilli
Colony morphology	Report results	Circular, convex, entire, smooth and
1 day at 37°C in an anaerobic atmosphere on		gray (Figure 1)
Tryptic Soy Agar with 5% sheep blood		
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene	≥ 99% sequence identity to	100% sequence identity to
(1440 base pairs)	B. fragilis, strain CL05T00C42	B. fragilis, strain CL05T00C42
	(GenBank: AKBY01000004.1)	(GenBank: AKBY01000004.1)
Purity (post-freeze)		
Anaerobic		
7 days at 37°C on Tryptic Soy agar with 5%	Growth consistent with expected	Growth consistent with expected
defibrinated sheep blood	colony morphology	colony morphology
Aerobic with 5% CO ₂		
7 days at 37°C on Tryptic Soy agar with 5%	No growth	No growth
defibrinated sheep blood		
Viability (post-freeze)		
1 day at 37°C in an anaerobic atmosphere on	Growth	Growth
Tryptic Soy Agar with 5% sheep blood		

Figure 1: Colony Morphology



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/Heather Couch/

Heather Couch 06 MAY 2020

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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