

Certificate of Analysis for HM-710

Bacteroides fragilis, Strain CL07T12C05

Catalog No. HM-710

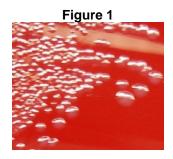
Product Description: Bacteroides fragilis (B. fragilis), strain CL07T12C05 was isolated from healthy adult human feces in Boston, Massachusetts, USA.

Lot^{1,2}: 62323794 Manufacturing Date: 29JAN2014

| TEST | SPECIFICATIONS | RESULTS |
|--|--|--|
| Phenotypic Analysis | | |
| Cellular morphology | Report results | Gram-negative rods |
| Colony morphology ³ | Report results | Circular, low convex, entire, smooth and gray (Figure 1) |
| Motility (wet mount) | Report results | Motile |
| Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 900 base pairs) | ≥ 99% identical to GenBank: AGXN01000030 (<i>B. fragilis</i> , strain CL07T12C05) | ≥ 99% identical to GenBank: AGXN01000030 (<i>B. fragilis</i> , strain CL07T12C05) |
| Viability (post-freeze) ³ | Growth | Growth |

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.

³71 hours at 37°C and anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood



Date: 03 APR 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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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²B. fragilis, strain CL07T12C05 was deposited by Laurie E. Comstock, PhD, Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts. HM-710 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated on Tryptic Soy agar with 5% defibrinated sheep blood for 77 hours at 37°C in an anaerobic atmosphere (80% N₂: 20% CO₂). The material from the initial growth was passaged twice in Modified Reinforced Clostridial broth for 71 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.