

Bacteroides fragilis, Strain CL07T12C05

Catalog No. HM-710

Product Description:

Bacteroides fragilis (*B. fragilis*), strain CL07T12C05 was isolated from healthy adult human feces in Massachusetts, USA. HM-710 was produced by inoculation of BEI Resources seed lot 62323792 into Modified Reinforced Clostridial broth and grown for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 3 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.

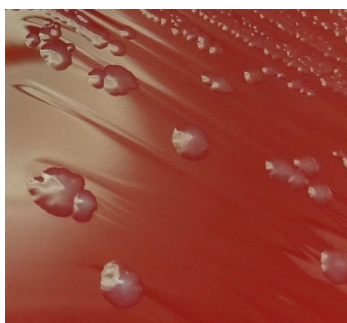
Lot: 70065533

Manufacturing Date: 29JAN2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 3 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, undulate, smooth and gray (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% sequence identity to <i>B. fragilis</i> , strain CL07T12C05 (GenBank: AGXN01000030.1)	99.7% sequence identity to <i>B. fragilis</i> , strain CL07T12C05 (GenBank: AGXN01000030.1) 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 Growth consistent with expected colony morphology or no growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze) 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *Lactobacillus* species

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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