

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 was produced by inoculation of BEI Resources seed lot 61742003 into Modified Chopped Meat Carbohydrate broth and grown for 1 day at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Chopped Meat Carbohydrate broth for 1 day 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: 70078601

Manufacturing Date: 01OCT2025

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 1 day 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 grey Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% sequence identity to <i>B. fragilis</i> , strain CL05T00C42 (GenBank: AKBY01000004.1)	99.9% sequence identity to <i>B. fragilis</i> , strain CL05T00C42 (GenBank: AKBY01000004.1) 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 No growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze) 1 day at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

¹Also consistent with other *Bacteroides* species

/Sonia Bjorum Brower/

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05 DEC 2025

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