

***Bacteroides fragilis*, Strain CL03T00C08**

Catalog No. HM-713

Product Description:

Bacteroides fragilis (*B. fragilis*), strain CL03T00C08 was isolated from healthy adult human feces in Massachusetts, USA.

Lot: 63359840^{1,2}

Manufacturing Date: 12MAR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility VITEK [®] MS (MALDI-TOF)	Gram-negative rods Report results Report results <i>B. fragilis</i>	Gram-negative rods Circular, convex, entire, smooth and cream (Figure 1) Non-motile <i>B. fragilis</i> (99.9%)
Antibiotic Susceptibility Profile Sensititre [™] System ^{4,5} Amoxicillin/Clavulanic Acid Ampicillin/Sulbactam Cefotetan Cefoxitin Chloramphenicol Clindamycin Imipenem Meropenem Metronidazole Mezlocillin Piperacillin Piperacillin/Tazobactam Tetracycline	Report results Report results Report results Report results Report results Report results Report results Report results Report results Report results Report results Report results Report results Report results	Sensitive (≤ 0.5 µg/mL) Sensitive (≤ 0.5 µg/mL) Sensitive (≤ 4 µg/mL) Sensitive (8 µg/mL) Sensitive (4 µg/mL) Sensitive (≤ 0.25 µg/mL) Sensitive (≤ 0.12 µg/mL) Sensitive (≤ 0.5 µg/mL) Sensitive (4 to 8 µg/mL) 8 µg/mL Sensitive (≤ 4 µg/mL) Sensitive (≤ 0.25 µg/mL) > 8 µg/mL ⁶
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 900 base pairs)	≥ 99% sequence identity to <i>B. fragilis</i> , strain CL03T00C08 (GenBank: AGXK0100022)	≥ 99% sequence identity to <i>B. fragilis</i> , strain CL03T00C08 (GenBank: AGXK0100022)
Purity (post-freeze) Anaerobic growth ⁷ Aerobic growth ⁸	Consistent with expected colony morphology No growth	Consistent with expected colony morphology No growth
Viability (post-freeze)³	Growth	Growth

¹Quality 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.

²*B. fragilis*, strain CL03T00C08 was deposited by Laurie E. Comstock, Ph.D., Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA. HM-713 was produced by inoculation of the deposited material into Modified Chopped Meat medium and incubated for 2 days 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 medium for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

³2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Sensititre[™] System Anaerobe MIC Plate, Thermo Scientific[™], catalog number ANO2B

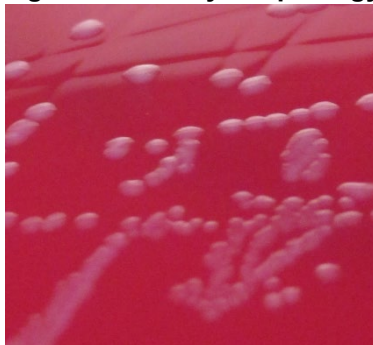
⁵Minimum Inhibitory Concentration (MIC); MIC Interpretation Guideline: CLSI M100-S28 (2018)

⁶Susceptibility results for this antibiotic cannot be determined since the maximum concentration of antibiotic tested is 8 µg/mL, which is interpreted as intermediate.

⁷Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁸Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



/Heather Couch/
Heather Couch

Program Manager or designee, ATCC Federal Solutions

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