

Bacteroides fragilis, Strain 3_1_12

Catalog No. HM-20

Product Description:

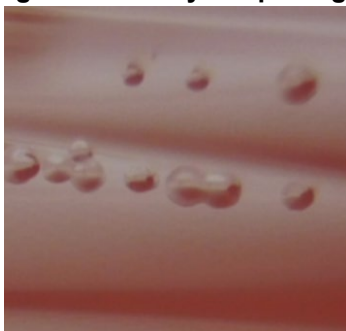
Bacteroides fragilis (*B. fragilis*), strain 3_1_12 was isolated in 2007 from the transverse colon of a healthy 52-year-old female undergoing a colon cancer screen procedure in Alberta, Canada. HM-20 was produced by inoculation of BEI Resources seed lot 64360370 into Modified Reinforced Clostridial broth and grown for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

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: 70062238

Manufacturing Date: 28JUL2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 1 day at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood 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 gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1230 base pairs)	≥ 99% sequence identity to <i>B. fragilis</i> , strain 3_1_12 (GenBank: ABZX01000086.1)	100% sequence identity to <i>B. fragilis</i> , strain 3_1_12 (GenBank: ABZX01000086.1)
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) 1 day at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology

/Sonia Bjorum Brower/
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