

Bacteroides stercoris, Strain CC31F

Catalog No. HM-1036

Product Description:

Bacteroides stercoris (*B. stercoris*), strain CC31F was isolated in 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada. HM-1036 was produced by inoculation of BEI Resources seed lot 62344140 into Modified Reinforced Clostridial broth and grown for 3 days at 37°C in an anaerobic atmosphere. Broth inoculum was added to Modified Reinforced Clostridial broth, which was grown 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.

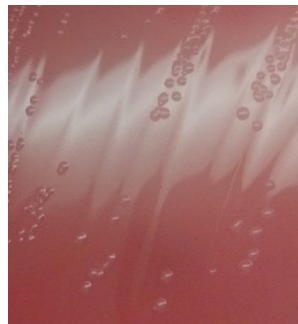
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70037037

Manufacturing Date: 16JUL2020

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 2 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 2 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Report results Report results Report results	Gram-negative rod Circular, low convex, entire, translucent and smooth (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA (rRNA) gene (~ 1440 base pairs)	≥ 99% identical to <i>B. stercoris</i> , strain CC31F (GenBank: ATFP01000001.1)	99.6% identical to <i>B. stercoris</i> , strain CC31F (GenBank: ATFP01000001.1)
Purity (post-freeze) Anaerobic 7 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood Aerobic 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ in Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology Report results	Growth consistent with expected colony morphology No growth
Viability (post-freeze) 2 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



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Program Manager or designee, ATCC Federal Solutions

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