

Anaerostipes sp., Strain 3_2_56FAA

Catalog No. HM-220

Product Description: *Anaerostipes* sp., strain 3_2_56FAA was isolated from inflamed biopsy tissue taken from the gastrointestinal tract of a 29-year-old female patient with Crohn's disease.

Lot^{1,2}: 60126515

Manufacturing Date: 09DEC2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ³ Colony morphology ⁴	Report results Report results	Gram-positive rod Circular, raised, entire and gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: ACWB01000002 (<i>Anaerostipes</i> sp., strain 3_2_56FAA)	≥ 99% identical to GenBank: ACWB01000002 (<i>Anaerostipes</i> sp., strain 3_2_56FAA)
Viability (post-freeze)⁴	Growth	Growth

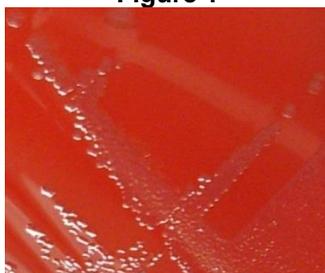
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*Anaerostipes* sp., strain 3_2_56FAA was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-220 was produced by inoculation of the deposited material into Modified Reinforced Clostridial Broth (ATCC medium 2107) and incubated for 48 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged once in Modified Reinforced Clostridial Broth for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.

³*Anaerostipes* cells are characterized as Gram-positive, but the published literature indicates that older cultures may display a Gram-negative phenotype (Schwartz, A., et al. "*Anaerostipes caccae* gen. nov., sp. nov., a New Saccharolytic, Acetate-utilising, Butyrate-producing Bacterium from Human Faeces." *Syst. Appl. Microbiol.* 25 (2002): 46-51. PubMed: 12086188.).

⁴48 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

Figure 1



Date: 16 APR 2012

Signature:

Title: Technical Manager, BEI Authentication or designee

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