

Certificate of Analysis for HM-42

Fusobacterium sp., Strain 2_1_31

Catalog No. HM-42

Product Description: Fusobacterium sp., strain 2_1_31 was isolated in 2007 from inflamed biopsy tissue taken from the ascending colon of a 25-year-old female patient with active Crohn's disease in Calgary, Alberta, Canada.

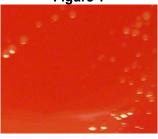
Lot^{1,2}: 60096249 Manufacturing Date: 01JUL2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-negative rod Report results	Gram-negative rod Circular, convex, entire and light gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (1370 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Fusobacterium</i> sp.	≥ 99% identical to depositor's sequence Consistent with <i>Fusobacterium</i> sp.
Viability (post-freeze) ³	Growth	Growth

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.

³24 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂) on Tryptic Soy Agar with 5% defibrinated sheep blood





Date: 04 OCT 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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²Fusobacterium sp., strain 2_1_31 was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-42 was produced by inoculation of the deposited material into Modified Chopped Meat Medium (ATCC medium 1490) 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 Chopped Meat Medium for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.