

Certificate of Analysis for HM-166

Parabacteroides sp., Strain 20_3 (Deposited as Bacteroides sp., Strain 20_3)

Catalog No. HM-166

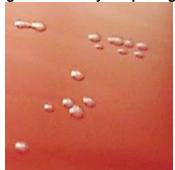
Product Description: Parabacteroides sp., strain 20_3 was isolated in 2007 from healthy biopsy tissue taken from the colon of a 49-year-old female patient undergoing a colonoscopy as part of a colon cancer screen procedure in Calgary, Alberta, Canada. Note: The label on the vial is incorrect; the correct genus is *Parabacteroides*, changes to nomenclature occurred in 2006.

Lot^{1,2}: 63529406 Manufacturing Date: 26JUN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology ³	Report results	Circular, low convex, entire, opaque, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Catalase	Negative	Negative
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: ACRQ01000064.1 (<i>Parabacteroides</i> sp., strain 20_3)	≥ 99% identical to GenBank: ACRQ01000064.1 (<i>Parabacteroides</i> sp., strain 20_3)
Purity (post-freeze) ⁴ Anaerobic atmosphere Aerobic atmosphere with 5% CO ₂	Growth consistent with <i>Parabacteroides</i> No growth	Growth consistent with <i>Parabacteroides</i> No growth
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.

Figure 1: Colony Morphology



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²Parabacteroides sp., strain 20_3 was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-166 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 2 days at 37°C in an anaerobic atmosphere (90% N₂:5% CO₂:5% H₂). The material from the initial growth was passaged once in 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.

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

⁴7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood and 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood



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Date: 10 SEP 2015

Signature:

BEI Resources Authentication

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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