

***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 Colony morphology ³ Motility (wet mount) Catalase	Gram-negative rods Report results Report results Negative	Gram-negative rods Circular, low convex, entire, opaque, smooth and gray (Figure 1) Non-motile 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

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*Parabacteroides* 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

Figure 1: Colony Morphology



Date: 10 SEP 2015

Signature:



BEI Resources Authentication

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