

Bacteroides sp., Strain HPS0048

Catalog No. HM-792

Product Description: *Bacteroides* sp., strain HPS0048 was isolated from a biopsy of ileal-anal pouch mucosa of a human subject.

Lot^{1,2}: 63406980

Manufacturing Date: 19MAR2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: AGEU01000082 (<i>Bacteroides</i> sp., strain HPS0048)	≥ 99% identical to GenBank: AGEU01000082 (<i>Bacteroides</i> sp., strain HPS0048)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>Bacteroides</i> sp. No growth	Growth consistent with <i>Bacteroides</i> sp. 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.

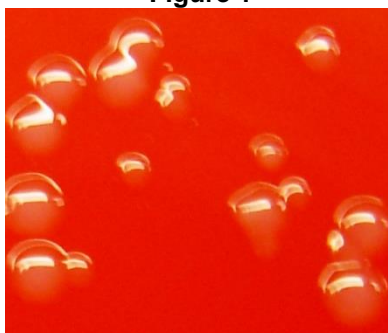
²*Bacteroides* sp., strain HPS0048 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. HM-792 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 76 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 71 hours at 37°C in an anaerobic atmosphere to produce this lot.

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

⁴Purity of this lot was assessed in an anaerobic atmosphere for 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

⁵Purity of this lot was assessed in an aerobic atmosphere with 5% CO₂ for 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1



Certificate of Analysis for HM-792

Date: 18 MAY 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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