

***Bacteroides vulgatus*, Strain CL09T03C04**

Catalog No. HM-720

Product Description: *Bacteroides vulgatus* (*B. vulgatus*), strain CL09T03C04 was isolated from healthy adult human feces in Boston, Massachusetts, USA.

Lot^{1,2}: 63007606

Manufacturing Date: 22OCT2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ³ Colony morphology ⁴ Motility (wet mount)	Report results Report results Report results	Gram-negative rods and coccobacilli Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% identical to GenBank: AGXZ01000031 (<i>B. vulgatus</i> , strain CL09T03C04)	≥ 99% identical to GenBank: AGXZ01000031 (<i>B. vulgatus</i> , strain CL09T03C04)
Purity (post-freeze) Anaerobic growth ⁵ Aerobic growth ⁶	Growth consistent with <i>B. vulgatus</i> No growth	Growth consistent with <i>B. vulgatus</i> No growth
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*B. vulgatus*, strain CL09T03C04 was deposited by Laurie E. Comstock, Ph.D., Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts. HM-720 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 72 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001). 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.

³Cellular morphology depends upon the conditions of growth; *B. vulgatus* cells generally appear as oval bacilli but may be quite pleomorphic with swellings, vacuoles or distortion. For additional information, please refer to see, Eggerth, A. H. and B. H. Gagnon. "The Bacteroides of Human Feces." *J. Bacteriol.* 25 (1933): 389-413.

⁴75 hours at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™ R681001) on Tryptic Soy agar with 5% defibrinated sheep blood

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

⁶Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1



Date: 17 DEC 2014

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.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

