

***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}: 70009963

Manufacturing Date: 02NOV2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ³ Colony morphology ⁴ Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, convex, entire, opaque, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 800 base pairs)	≥ 99% sequence identity to <i>B. vulgatus</i> , strain CL09T03C04 (GenBank: AGXZ01000031.1)	100% sequence identity to <i>B. vulgatus</i> , strain CL09T03C04 (GenBank: AGXZ01000031.1) ⁵
Purity (post-freeze) Anaerobic growth ⁶ Aerobic growth ⁷	Consistent with expected colony morphology No growth	Consistent with expected colony morphology 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, USA. HM-720 lot 70009963 was produced by inoculation of BEI Resources HMS-720 lot 63007605 into Modified Reinforced Clostridial broth and incubated for 3 days 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 3 days 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 Eggerth, A. H. and B. H. Gagnon. "The Bacteroides of Human Feces." *J. Bacteriol.* 25 (1933): 389-413.

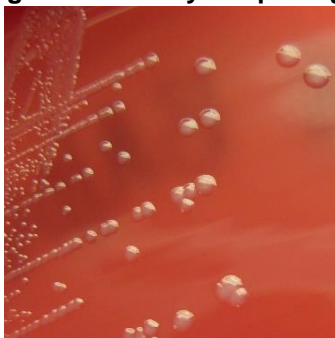
⁴3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁵Also consistent with *Bacteroides dorei*.

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

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

Figure 1: Colony Morphology



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