

***Bacteroides cellulosilyticus*, Strain CL02T12C19**

Catalog No. HM-726

Product Description: *Bacteroides cellulosilyticus* (*B. cellulosilyticus*), strain CL02T12C19 was isolated from healthy adult human feces in Boston, Massachusetts, USA.

Lot^{1,2}: 70010881

Manufacturing Date: 07DEC2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative rods Report results Non-motile	Gram-negative rods Irregular, convex, undulate, opaque, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 870 base pairs)	≥ 99% sequence identity to <i>B. cellulosilyticus</i> , strain CL02T12C19 (GenBank: AGXG01000147.1)	99.9% sequence identity to <i>B. cellulosilyticus</i> , strain CL02T12C19 (GenBank: AGXG01000147.1)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Consistent with expected colony morphology No growth	Consistent with expected colony morphology 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.

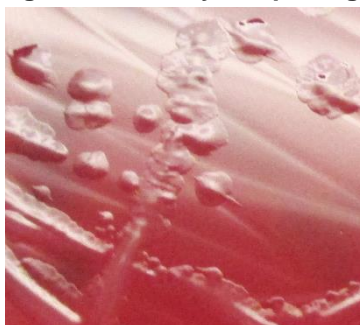
²*B. cellulosilyticus*, strain CL02T12C19 was deposited by Laurie E. Comstock, Ph.D., Associate Microbiologist, Department of Medicine, Channing Laboratory, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA. HM-726 lot 70010881 was produced by inoculation of the deposited material into Modified Reinforced Clostridial broth and incubated for 4 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to 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.

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

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

⁵Purity 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



23 FEB 2018

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