

***Fusobacterium nucleatum*, Strain CTI-01**

Catalog No. HM-992

Product Description: *Fusobacterium nucleatum* (*F. nucleatum*), strain CTI-01 was isolated in 2012 from colonic tumor tissue from a human patient with colorectal carcinoma in Massachusetts, USA.

Lot^{1,2}: 70005400

Manufacturing Date: 27MAY2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-negative rod Report results Non-motile	Gram-negative rod Circular, low convex, entire, smooth and gray (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (770 base pairs)	≥ 99% sequence identity to <i>F. nucleatum</i> , strain CTI-01 (GenBank: AXNZ01000008.1)	99.2% sequence identity to <i>F. nucleatum</i> , strain CTI-01 (GenBank: AXNZ01000008.1)
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.

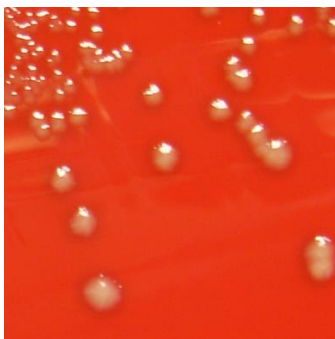
²*F. nucleatum*, strain CTI-01 was deposited by Wendy S. Garrett, M.D., Ph.D., Assistant Professor, and Aleksander D. Kostic, Department of Immunology and Infectious Diseases, Harvard School of Public Health, Boston, Massachusetts, USA. Lot 70005400 of HM-992 was produced by inoculation of BEI Resources HMS-992 (lot: 63140956) into Modified Chopped Meat medium and incubated for 2 days at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ AnaeroPack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 3 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

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



Certificate of Analysis for HM-992

Date: 12 SEP 2017

Signature:



BEI Resources Authentication

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