

***Fusobacterium ulcerans*, Strain 12\_1B**

**Catalog No. HM-57**

**Product Description:** *Fusobacterium ulcerans* (*F. ulcerans*) (deposited as *Fusobacterium* sp., however, this organism has been reclassified as *F. ulcerans* based on 16S ribosomal RNA gene sequence analysis), strain 12\_1B, was isolated in 2007 from a biopsy taken from the inflamed, ascending colon of a 19-year-old female patient with active Crohn's disease in Calgary, Alberta, Canada.

**Lot<sup>1,2</sup>: 62013069**

**Manufacturing Date: 13SEP2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, convex, entire, mucoid, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% identical to GenBank: AGWJ02000019 ( <i>F. ulcerans</i> , strain 12_1B)	≥ 99% identical to GenBank: AGWJ02000019 ( <i>F. ulcerans</i> , strain 12_1B)
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>Quality 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.

<sup>2</sup>*F. ulcerans*, strain 12\_1B was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-57 was produced by inoculation of the deposited material into Modified Chopped Meat medium and incubated for 48 hours at 37°C in an anaerobic atmosphere (90% N<sub>2</sub>:5% CO<sub>2</sub>:5% H<sub>2</sub>). The material from the initial growth was passaged once in Modified Chopped Meat medium for 48 hours at 37°C in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions.

<sup>3</sup>48 hours at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

**Figure 1: Colony Morphology**



## Certificate of Analysis for HM-57

**Date:** 03 JUN 2016

**Signature:**



BEI Resources Authentication

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