

***Campylobacter* sp., Strain 10\_1\_50**

**Catalog No. HM-213**

**Product Description:** *Campylobacter* sp., strain 10\_1\_50 was isolated in 2007 from normal gut biopsy tissue taken from a 19-year-old female patient with Crohn's disease in Calgary, Alberta, Canada.

**Lot<sup>1-3</sup>: 60896305**

**Manufacturing Date: 09MAY2012**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>4</sup>	Report results Report results	Gram-negative rods No growth on agar
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% identical to GenBank: ACWJ01000001 ( <i>Campylobacter</i> sp., strain 10_1_50)	≥ 99% identical to GenBank: ACWJ01000001 ( <i>Campylobacter</i> sp., strain 10_1_50)
<b>Viability (post-freeze)<sup>3,5</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>*Campylobacter* sp., strain 10\_1\_50 was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Tryptic Soy Broth (TSB) and incubated for 96 hours at 37°C in a microaerophilic atmosphere (BD Campy GasPak); no growth was observed. Broth was added to a biphasic mixture of TSB and Tryptic Soy Agar (TSA) with 5% defibrinated sheep blood and incubated for 72 hours at 37°C in a microaerophilic atmosphere. Broth was then added to Kolles and incubated for 48 hours at 37°C in a microaerophilic atmosphere to produce this lot.

<sup>3</sup>Growth in broth or on agar is not recommended for *Campylobacter* sp., strain 10\_1\_50 and may not be reproducible.

<sup>4</sup>48 hours at 37°C in a microaerophilic atmosphere on TSA with 5% defibrinated sheep blood

<sup>5</sup>48 hours at 37°C in a microaerophilic atmosphere in a biphasic mixture of TSB and TSA with 5% defibrinated sheep blood

**Date:** 07 MAR 2013

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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