

Listeria monocytogenes, Strain CC70B

Catalog No. HM-1048

Product Description: *Listeria monocytogenes* (*L. monocytogenes*), strain CC70B was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.

Lot^{1,2}: 64193320

Manufacturing Date: 21APR2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, low convex, entire, opaque and white (Figure 1) Motile ⁴
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence
Purity (post-freeze)⁵	Consistent with expected colony morphology	Consistent with expected colony morphology
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.

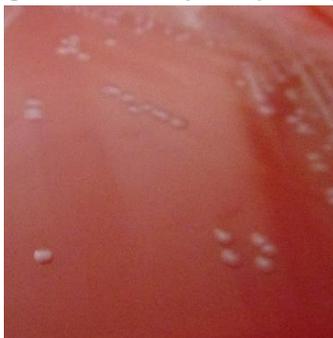
²*L. monocytogenes*, strain CC70B was deposited by Professor Emma Allen-Vercoc, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. The deposited material was inoculated into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot.

³1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴*L. monocytogenes* is motile at 20 to 25°C but weakly motile or non-motile at 37°C. For additional information, please refer to Kathariou, S. and L. Pine. "The Type Strain(s) of *Listeria monocytogenes*: A Source of Continuing Difficulties." *Int. J. Syst. Bacteriol.* 41(1991): 328-330. PubMed: 1906732

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

Figure 1: Colony Morphology



Date: 20 JUL 2016

Signature: 

BEI Resources Authentication

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