

***Clostridium* sp., Strain L2-50 (Deposited as *Coprococcus* sp., Strain L2-50)**

Catalog No. HM-634

Product Description: *Clostridium* sp. (deposited as *Coprococcus* sp., however the depositors have reclassified this organism to *Clostridium* sp.), strain L2-50 was obtained in 1996 from a fecal sample from a healthy two-year-old infant in Aberdeen, Scotland, United Kingdom.

Lot^{1,2}: 59958860

Manufacturing Date: 10JUN2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³	Gram-positive rod Report results	Gram-positive rod No growth on agar
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to depositor's sequence	≥ 99% identical to depositor's sequence (GenBank AJ270491)
Viability (post-freeze)⁴	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*Clostridium* sp. (deposited as *Coprococcus* sp.), strain L2-50 was deposited by Harry J. Flint and Sylvia H. Duncan, Department of Gut Health, Rowett Institute of Nutrition and Health, University of Aberdeen, Bucksburn, Aberdeen, Scotland, UK. The deposited material was inoculated into Chopped Meat Carbohydrate Medium (ATCC medium 1016) and incubated for 72 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged once in Chopped Meat Carbohydrate Medium for 72 hours at 37°C and anaerobic atmosphere to produce this lot.

³72 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

⁴72 hours at 37°C and anaerobic atmosphere in Chopped Meat Carbohydrate Medium

Date: 11 NOV 2011

Signature:



Title: Technical Manager, BEI Authentication or designee

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