

Coprobacillus sp., Strain D6 (29_1)

Catalog No. HM-85

Product Description: *Coprobacillus* sp., strain D6 (also known as 29_1), was isolated in 2007 from inflamed biopsy tissue taken from the terminal ileum of a 23-year-old female patient with Crohn's disease in Calgary, Alberta, Canada.

Lot^{1,2}: 61403106

Manufacturing Date: 29JAN2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ³ Colony morphology ⁴	Report results Report results	Gram-negative rods Irregular, flat, lobate and gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% identical to GenBank: AKCB01000001 (<i>Coprobacillus</i> sp., strain D6)	≥ 99% identical to GenBank: AKCB01000001 (<i>Coprobacillus</i> sp., strain D6)
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*Coprobacillus* sp., strain D6 (also known as 29_1), 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 Modified Chopped Meat medium (ATCC® medium 1490) and incubated for 5 days at 37°C in an anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). Broth inoculum was added to kolles, which were incubated for 4 days at 37°C in an aerobic atmosphere to produce this lot.

³*Coprobacillus* species are characterized as Gram-positive but older cultures and some strains have been reported to stain Gram-negative (Park, H.-Y., M. Kim, and J. Han. "Stereospecific Microbial Production of Isoflavanones from Isoflavones and Isoflavone Glucosides." *Appl. Microbiol. Biotechnol.* 91 (2011): 1173-1181. PubMed: 21562980.).

⁴5 days at 37°C in an anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood.

Figure 1



Date: 22 MAY 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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