SUPPORTING INFECTIOUS DISEASE RESEARCH

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

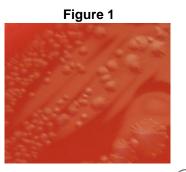
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology ³ Colony morphology ⁴	Report results Report results	Gram-negative rods Irregular, flat, lobate and gray (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% identical to GenBank: AKCB01000001 (<i>Coprobacillus</i> sp., strain D6)	≥ 99% identical to GenBank: AKCB01000001 (Coprobacillus 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.

²Coprobacillus 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.

³Coprobacillus 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." <u>Appl. Microbiol.</u> 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.



Date: 22 MAY 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.



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