

**Dorea formicigenerans, Strain 4\_6\_53AFAA**

**Catalog No. HM-300**

**Product Description:** *Dorea formicigenerans* (*D. formicigenerans*), strain 4\_6\_53AFAA was isolated from inflamed biopsy material taken from the descending colon of a 52-year-old male patient with Crohn's disease.

**Lot<sup>1-3</sup>: 60125296**

**Manufacturing Date: 31AUG2011**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>4</sup> Colony morphology <sup>5</sup>	Report results Report results	Gram-positive rod No growth on agar
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: ADLU01000111 ( <i>D. formicigenerans</i> , strain 4_6_53AFAA)	≥ 99% identical to GenBank: ADLU01000111 ( <i>D. formicigenerans</i> , strain 4_6_53AFAA)
<b>Viability (post-freeze)<sup>6</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>*Dorea formicigenerans*, strain 4\_6\_53AFAA 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 Chopped Meat Medium with 1% Glucose (and incubated for 72 hours at 37°C in an anaerobic atmosphere. The material from the initial growth was passaged once in Chopped Meat Medium with 1% Glucose for 48 hours at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>HM-300 did not grow on agar plates and grows slowly in broth

<sup>4</sup>*Dorea* species generally stain Gram-positive, but some cells from old cultures may decolorize easily and give Gram-variable or negative reactions (Bergey's Manual of Systematic Bacteriology, 2<sup>nd</sup> ed. vol 3. Eds. David H. Bergey and David R. Boone. New York: Springer, 2009. 941-943).

<sup>5</sup>72 hours at 37°C in an anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

<sup>6</sup>72 hours at 37°C in an anaerobic atmosphere in Chopped Meat Medium with 1% glucose

**Date:** 09 JUL 2012

**Signature:** 

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

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