

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

**Catalog No. HM-300**

**Product Description:**

*Dorea formicigenerans* (*D. formicigenerans*), strain 4\_6\_53AFAA was isolated from human gastrointestinal tract biopsy sample. HM-300 lot 70054627 was produced by the inoculation of BEI Resources seed lot 70004911 into Chopped Meat medium with 1% Glucose and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Chopped Meat medium with 1% Glucose for 2 days at 37°C in an anaerobic atmosphere to produce this lot.

Note: 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.

**Lot: 70054627**

**Manufacturing Date: 10AUG2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood  Motility (wet mount)	Gram-positive rods Report results  Report results	Gram-positive rods Circular, convex, entire, smooth and gray  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1420 base pairs)	≥ 99% sequence identity to <i>D. formicigenerans</i> , strain 4_6_53AFAA (GenBank: ADLU01000111.1)	99.5% sequence identity to <i>D. formicigenerans</i> , strain 4_6_53AFAA (GenBank: ADLU01000111.1) <sup>1</sup>
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood  Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Consistent with expected colony morphology  No growth	Consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b> 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

<sup>1</sup>Also consistent with other *Dorea* species

/Sonia Bjorum Brower/  
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