

**Collinsella sp., Strain 4\_8\_47FAA**
**Catalog No. HM-304**
**Product Description:**

*Collinsella* sp. (*C. sp.*), strain 4\_8\_47FAA was isolated from inflamed biopsy tissue taken from the sigmoid colon of a 25-year-old female patient with Crohn's disease. HM-304 lot 70052148 was produced by the inoculation of BEI Resources seed lot 60320004 into Modified Chopped Meat broth and incubated for 2 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 Modified Chopped Meat broth for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

**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: 70052148**
**Manufacturing Date: 22APR2022**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 2 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, low convex, entire and translucent  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>Collinsella</i> sp., strain 4_8_47FAA (GenBank: ADLA01000021.1)	100% sequence identity to <i>Collinsella</i> sp., strain 4_8_47FAA (GenBank: ADLA01000021.1) <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	Growth consistent with expected colony morphology  No growth	Growth consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b> 2 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 *Collinsella* species

/Sonia Bjorum Brower /

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