

Ralstonia sp., Strain 5_2_56FAA

Catalog No. HM-158

Product Description:

Ralstonia sp., strain 5_2_56FAA was isolated from inflamed tissue taken from the terminal ileum of a 29-year-old female patient with Crohn's disease. HM-158 was produced by inoculation of BEI Resources seed lot 60190808 into Tryptic Soy broth and grown for 2 days at 30°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 2 days at 30°C in an aerobic 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: 70084984

Manufacturing Date: 14AUG2026

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-negative rods Report results Report results	Gram-negative rods Circular, low convex, entire, smooth and cream (Figure 1) Motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	≥ 99% sequence identity to <i>Ralstonia</i> sp., strain 5_2_56FAA (GenBank: ACTT01000008.1)	100% sequence identity to <i>Ralstonia</i> sp., strain 5_2_56FAA (GenBank: ACTT01000008.1) ¹
Purity (post-freeze) 8 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Ralstonia* species

Figure 1: Colony Morphology



Certificate of Analysis for HM-158

/Sonia Bjorum Brower/

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06 OCT 2026

Technical Manager or designee, ATCC Federal Solutions

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