

Ruminococcus gnavus, Strain CC55_001C

Catalog No. HM-1056

Product Description: *Ruminococcus gnavus*, (*R. gnavus*), strain CC55_001C was isolated in October 2010 from colonic biopsy tissue of a human subject in Victoria, British Columbia, Canada.

Lot^{1,2}: 63025342

Manufacturing Date: 07NOV2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet-mount)	Report results Report results Report results	Gram-positive coccobacilli Punctiform and translucent (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 870 base pairs)	≥ 99% identical to GenBank: AZJF01000012 (<i>R. gnavus</i> , strain CC55_001C)	≥ 99% identical to GenBank: AZJF01000012 (<i>R. gnavus</i> , strain CC55_001C)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>R. gnavus</i> No growth	Growth consistent with <i>R. gnavus</i> No growth
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.

²*R. gnavus*, strain CC55_001C was deposited by Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-1056 was produced by inoculation of the deposited material into Rumen fluid-Glucose-Cellobiose Agar (RGCA) medium and incubated for 24 hours at 37°C in an anaerobic atmosphere (90% N₂:5% CO₂:5% H₂). The material from the initial growth was passaged once in RGCA medium for 46 hours at 37°C in an anaerobic atmosphere to produce this lot.

³24 hours on RGCA medium at 37°C in an anaerobic atmosphere

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an anaerobic atmosphere.

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1



Date: 06 JAN 2015

Signature:

Title:

Technical Manager, BEI Authentication or designee

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