SUPPORTING INFECTIOUS DISEASE RESEARCH

Akkermansia sp., Strain KLE1605

Catalog No. HM-844

Product Description:

Akkermansia sp. (A. sp.), strain KLE1605 was isolated in April 2011 from human feces in the United States. HM-844 lot 70058008 was produced by the inoculation of the BEI Resources seed lot 70012263 into Brain Heart Infusion broth with 2 µg/mL porcine gastric mucin (Type III) and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; RemelTM Pack-AnaeroTM). The material from the initial growth was passaged once in Brain Heart Infusion broth with 2 µg/mL porcine gastric mucin (Type III) 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.

<u>Note</u>: 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: 70058008

Manufacturing Date: 05APR2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology	Report results	No growth ¹
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% sequence identity to <i>A. sp.,</i> strain KLE1605 (GenBank: AMCH01000008.1)	100% sequence identity to <i>A. sp.,</i> strain KLE1605 (GenBank: AMCH01000008.1)
Purity (post-freeze)		
Anaerobic	No growth	No growth
7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood		
Aerobic with 5% CO ₂	No growth	No growth
7 days at 37°C on Tryptic Soy agar with 5%		
defibrinated sheep blood		
Viability (post-freeze)	Growth	Growth

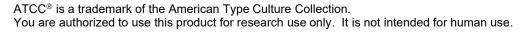
¹Growth on agar is not recommended for *A. sp.,* strain KLE1605 and may not be reproducible.

/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.





22 MAY 2023