

Arachnia propionica, Strain F0230

Catalog No. HM-209

Product Description:

Arachnia propionica (*A. propionica*), strain F0230 was isolated from a human oral cavity. Previously referred to as *Propionibacterium propionicum* and *Pseudopropionibacterium propionicum*, the genus and species have been reclassified and the designation on the vial label refers to the old nomenclature. HM-209 was produced by the inoculation of BEI Resources seed lot 60687459 into Modified Reinforced Clostridial broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 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: 70057439

Manufacturing Date: 13JAN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Punctiform Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% sequence identity to <i>A. propionica</i> , strain F0230 (GenBank: CP002734.1)	99.9% sequence identity to <i>A. propionica</i> , strain F0230 (GenBank: CP002734.1)
Purity (post-freeze) Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood Aerobic with 5% CO ₂ 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology Growth consistent with expected colony morphology	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

/Sonia Bjorum Brower/

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20 JUN 2023

Technical Manager or designee, ATCC Federal Solutions

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