

Cutibacterium acnes, Strain HL038PA2

Catalog No. HM-523

Product Description:

Cutibacterium acnes (*C. acnes*), strain HL038PA2 was isolated from human skin. Previously referred to as *Propionibacterium acnes*, this genus has been reclassified and the genus designation on the vial label refers to the old nomenclature. HM-523 was produced by the inoculation of BEI Resources seed lot 6058729 into Modified Reinforced Clostridial broth and incubated for 3 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 3 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: 70060457

Manufacturing Date: 11MAY2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, convex, entire, smooth and cream Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> , type strain (GenBank: CP044255)	99.9% sequence identity to <i>C. acnes</i> , type strain (GenBank: CP044255)
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

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

Sonia Bjorum Brower

10 JUL 2023

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.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

