

Cutibacterium acnes, Strain HL002PA1 (Deposited as *Propionibacterium acnes*, Strain HL002PA1)

Catalog No. HM-489

Product Description:

Cutibacterium acnes (*C. acnes*), strain HL002PA1 (deposited as *Propionibacterium acnes*, strain HL002PA1) was isolated from human skin. Previously referred to as *Propionibacterium acnes*, this genus has been reclassified. HM-489 was produced by inoculation of BEI Resources seed lot 60860808 into Modified Reinforced Clostridial broth and incubated for 2 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth 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: 70058048

Manufacturing Date: 27JAN2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive rods Report results Report results <i>C. acnes</i>	Gram-positive rods Punctiform and gray Non-motile <i>C. acnes</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> , strain HL002PA1 (GenBank: ADXW01000001.1)	99.9% sequence identity to <i>C. acnes</i> , strain HL002PA1 (GenBank: ADXW01000001.1)
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 or No growth	Growth consistent with expected colony morphology No growth
Viability (post-freeze)	Growth	Growth

/Sonia Bjorum Brower/

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04 APR 2025

Technical Manager or designee, ATCC Federal Solutions

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