

Cutibacterium acnes, Strain HL060PA1 (Deposited as Propionibacterium acnes, Strain HL060PA1)

Catalog No. HM-527

Product Description:

Cutibacterium acnes (*C. acnes*), strain HL060PA1 (deposited as *Propionibacterium acnes*, strain HL060PA1) was isolated from human skin. Previously referred to as *Propionibacterium acnes*, this genus has been reclassified. HM-527 was produced by the inoculation of BEI Resources seed lot 60687454 into Modified Clostridial broth, which was used to inoculate a Tryptic Soy agar with 5% defibrinated sheep blood plate, and both were grown at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™) for 2 days. Colonies from the plate were scraped into the Modified Clostridial broth growth and the growth mixture was added to fresh Modified Clostridial broth, which was 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: 70070222

Manufacturing Date: 02AUG2024

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology 2 days at 37°C in an anaerobic atmosphere in Modified Clostridial broth Colony morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Circular, convex, entire, smooth and white Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1210 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> , strain HL060PA1 (GenBank: ADYE01000027.1)	100% sequence identity to <i>C. acnes</i> , strain HL060PA1 (GenBank: ADYE01000027.1)
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 Growth consistent with expected colony morphology
Viability (post-freeze) 2 days at 37°C in an anaerobic atmosphere in Modified Clostridial broth	Growth	Growth

/Sonia Bjorum Brower/

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04 APR 2025

Technical Manager or designee, ATCC Federal Solutions

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