

Cutibacterium acnes, Strain HL007PA1

Catalog No. HM-496

Product Description:

Cutibacterium acnes (*C. acnes*), strain HL007PA1 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-496 was produced by the inoculation of BEI Resources seed lot 60860819 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.

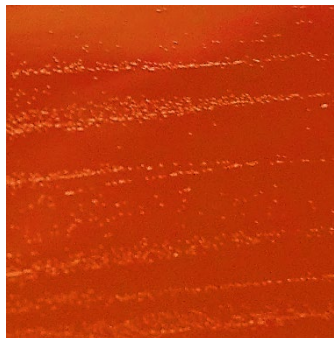
Lot: 70060455

Manufacturing Date: 05MAY2023

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive rods Report results Report results	Gram-positive rods Punctiform and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> , strain HL007PA1 (GenBank: ADYJ01000008)	100% sequence identity to <i>C. acnes</i> , strain HL007PA1 (GenBank: ADYJ01000008)
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	Report results Report results	Growth consistent with expected colony morphology Growth ¹
Viability (post-freeze)	Growth	Growth

¹This organism is known to be aerotolerant. Sequencing of the 16S rRNA gene identified cells from aerobic growth as *C. acnes*.

Figure 1: Colony Morphology



/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

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