

Propionibacterium acnes, Strain HL036PA1

Catalog No. HM-506

Product Description: *Propionibacterium acnes* (*P. acnes*), strain HL036PA1 was isolated from human skin.

Lot^{1,2}: 60400053

Manufacturing Date: 13FEB2012

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ^{3,4}	Report results Report results	Gram-positive rod Circular, entire and white (Figure 1)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs)	≥ 99% identical to GenBank: ADYL01000011 (<i>P. acnes</i> , strain HL036PA1)	≥ 99% identical to GenBank: ADYL01000011 (<i>P. acnes</i> , strain HL036PA1)
Viability (post-freeze)⁴	Growth	Growth

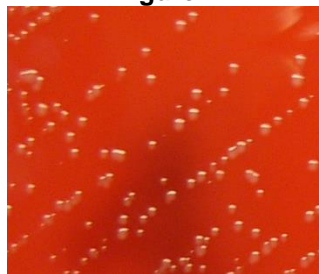
¹Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

²*P. acnes*, strain HL036PA1 was deposited by Professor Huiying Li, Ph.D., Department of Molecular and Medical Pharmacology, University of California, Los Angeles (UCLA), Los Angeles, California. The deposited material was inoculated into Modified Reinforced Clostridial Broth (ATCC medium 2107) and incubated for 48 hours at 37°C and anaerobic atmosphere (80% N₂:10% CO₂:10% H₂). The material from the initial growth was passaged twice in Modified Reinforced Clostridial Broth at 37°C and anaerobic atmosphere to produce this lot.

³Two colony sizes were observed. The 16S ribosomal RNA gene of each colony size was sequenced and found to be consistent with the other colony size. *P. acnes* colonies are known to show size variance, for additional information on this phenomena please refer to Kishishita, M., et al. "New Medium for Isolating Propionibacteria and Its Application to Assay of Normal Flora of Human Facial Skin." *Appl. Environ. Microbiol.* 40 (1980): 1100-1105. PubMed: 7470244.

⁴48 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

Figure 1



Date: 21 MAY 2012

Signature:

Title:

Technical Manager, BEI Authentication or designee

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