

***Propionibacterium acnes*, Strain HL110PA1**

**Catalog No. HM-552**

**Product Description:** *Propionibacterium acnes* (*P. acnes*), strain HL110PA1 was isolated from human skin.

**Lot<sup>1-3</sup>: 59963540**

**Manufacturing Date: 15JUL2011**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>4</sup> Colony morphology <sup>4</sup>	Gram-positive rod Report results	Gram-positive rod Circular, convex, entire and pale gray (Figure 1)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (620 base pairs)	≥ 99% identical to GenBank: ADZE00000000 ( <i>Propionibacterium acnes</i> , Strain HL110PA1) Consistent with <i>P. acnes</i>	Pending  Consistent with <i>P. acnes</i>
<b>Viability (post-freeze)<sup>4</sup></b>	Growth	Growth

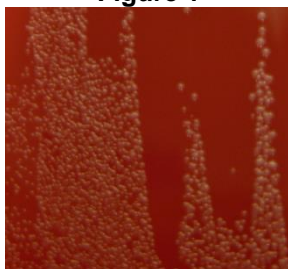
<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*P. acnes*, strain HL110PA1 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% N<sub>2</sub>:10% CO<sub>2</sub>:10% H<sub>2</sub>). The material from the initial growth was passaged once in Modified Reinforced Clostridial Broth for 48 hours at 37°C and anaerobic atmosphere [80% N<sub>2</sub>:10% CO<sub>2</sub>:10% H<sub>2</sub>] to produce this lot.

<sup>3</sup>Two colony sizes were observed in the initial growth. *P. acnes* colonies are known to show size variance [see, 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].

<sup>4</sup>48 hours at 37°C and anaerobic atmosphere on Tryptic Soy Agar with 5% defibrinated sheep blood

**Figure 1**



**Date:** 23 JAN 2012

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

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