

***Propionibacterium acnes*, Strain HL053PA1**

**Catalog No. HM-522**

**Product Description:**

*Propionibacterium acnes* (*P. acnes*), strain HL053PA1 was isolated from human skin. HM-522 lot 70030539 was produced by the inoculation of BEI Resources seed material into Modified Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; 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.

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.

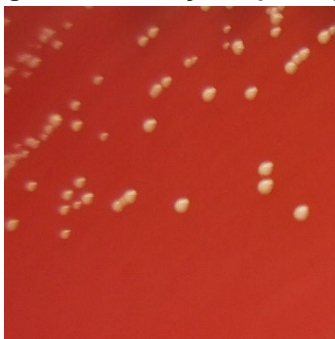
**Lot: 70030539**

**Manufacturing Date: 30OCT2019**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Cellular morphology Motility (wet mount)	Report results  Gram-positive rods Report results	Circular, convex, entire, smooth and cream (Figure 1)  Gram-positive rods Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1330 base pairs)	≥ 99% sequence identity to <i>P. acnes</i> , strain HL053PA1 (GenBank: ADZD01000005.1)	99.9% sequence identity to <i>P. acnes</i> , strain HL053PA1 (GenBank: ADZD01000005.1)
<b>Purity (post-freeze)</b> 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood 7 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Report results  Growth consistent with expected colony morphology	Growth consistent with expected colony morphology  Growth consistent with expected colony morphology <sup>1</sup>
<b>Viability (post-freeze)</b> 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

<sup>1</sup>Some strains of *P. acnes* are reported to be aerotolerant.

Figure 1: Colony Morphology



/Heather Couch/  
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23 MAR 2020

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