

Propionibacterium acnes, Strain HL053PA2

Catalog No. HM-523

Product Description: *Propionibacterium acnes* (*P. acnes*), strain HL053PA2 was isolated from human skin in the United States.

Lot^{1,2}: 70005130

Manufacturing Date: 26APR2017

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet mount)	Gram-positive rod Report results Report results	Gram-positive rod Circular, raised, entire, smooth and white (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 520 base pairs) (~810 base pairs)	≥ 99% sequence identity to <i>P. acnes</i> , strain HL053PA2 (GenBank: ADZB01000028.1) Consistent with <i>P. acnes</i>	100% sequence identity to <i>P. acnes</i> , strain HL053PA2 (GenBank: ADZB01000028.1) Consistent with <i>P. acnes</i>
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Consistent with expected colony morphology No growth	Consistent with expected colony morphology No growth
Viability (post-freeze)³	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.

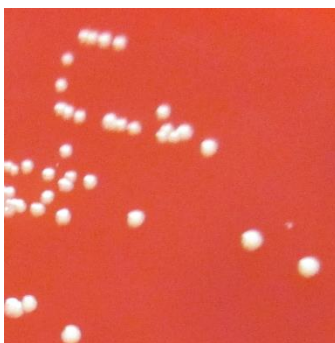
²*P. acnes*, strain HL053PA2 was deposited by Professor Huiying Li, Ph.D., Department of Molecular & Medical Pharmacology, University of California, Los Angeles (UCLA), Los Angeles, California, USA. Lot 70005130 of HM-523 was produced by inoculation of HM-523 (Lot: 59963537) into Modified Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ Anaero 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.

³3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Purity of this lot was assessed for 7 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



Certificate of Analysis for HM-523

Date: 12 JUN 2017

Signature: 

BEI Resources Authentication

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