

Propionibacterium acnes, Strain SK137

Catalog No. HM-122

Product Description: *Propionibacterium acnes* (*P. acnes*), strain SK137 was isolated from normal skin of the right arm of a 57-year-old man.

Lot^{1,2}: 64291199

Manufacturing Date: 17JUN2016

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Motility (wet-mount) VITEK [®] MS (MALDI-TOF)	Gram-positive rods Report results Report results <i>P. acnes</i>	Gram-positive rods Circular, convex, entire, smooth and white (Figure 1) Non-motile <i>P. acnes</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 830 base pairs)	≥ 99% sequence identity to GenBank: CP001977 (<i>P. acnes</i> , strain SK137)	100% sequence identity to GenBank: CP001977 (<i>P. acnes</i> , strain SK137)
Purity (post-freeze) Anaerobic growth ⁴ Aerobic growth ⁵	Growth consistent with <i>P. acnes</i> Report results	Growth consistent with <i>P. acnes</i> Growth consistent with <i>P. acnes</i> ⁶
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 SK137 was deposited by Guillermo I. Perez-Perez, D.Sc., Associate Professor of Medicine, Departments of Medicine and Microbiology; School of Medicine, New York University, New York, New York. HM-122 was produced by inoculation of HMS-122 lot 60303958 into Modified Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Modified Reinforced Clostridial broth for 1 day at 37°C in an anaerobic atmosphere to produce this lot.

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

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

⁶This organism is known to be aerotolerant. VITEK[®] MS (MALDI-TOF) analysis identified cells from aerobic growth as *P. acnes*.

Figure 1: Colony Morphology



Certificate of Analysis for HM-122

Date: 28 JUL 2016

Signature: 
BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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