

**Cutibacterium acnes, Strain HL110PA1 (Deposited as Propionibacterium acnes, Strain HL110PA1)**

**Catalog No. HM-552**

**Product Description:**

*Cutibacterium acnes* (*C. acnes*), strain HL110PA1 was isolated from human skin. Previously referred to as *Propionibacterium acnes*, this family has been reclassified and the family designation on the vial label refers to the old nomenclature. HM-552 was produced by the inoculation of BEI Resources seed lot 60058745 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 added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown for 3 days at 37°C in an anaerobic atmosphere to produce this lot.

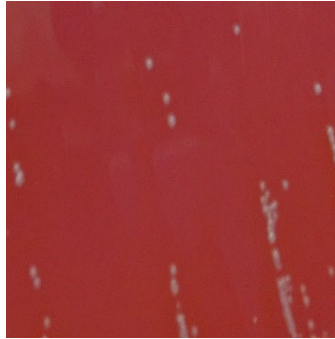
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

**Lot: 70048204**

**Manufacturing Date: 29OCT2021**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood  Colony morphology 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood  Motility (wet mount) VITEK® MS (MALDI-TOF)	Gram-positive rods  Report results  Report results <i>C. acnes</i>	Gram-positive rods  Circular, convex, entire, smooth and cream (Figure 1)  Non-motile <i>C. acnes</i> (99.9%)
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1010 base pairs)	≥ 99% sequence identity to <i>C. acnes</i> strain HL110PA1 (GenBank: ADZE01000016.1)	100% sequence identity to <i>C. acnes</i> strain HL110PA1 (GenBank: ADZE01000016.1)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood  Aerobic with 5% CO <sub>2</sub> 7 days at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology  No growth or growth consistent with expected colony morphology	Growth consistent with expected colony morphology  Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b> 2 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

Figure 1: Colony Morphology



/Heather Couch/  
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Program Manager or designee, ATCC Federal Solutions

07 DEC 2021

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