

***Prevotella melaninogenica*, Strain D18**

**Catalog No. HM-80**

**Product Description:**

*Prevotella melaninogenica* (*P. melaninogenica*), strain D18 was isolated in 2007 from an oral swab taken from a healthy 73-year-old male patient in Calgary, Alberta, Canada. HM-80 was produced by inoculation of BEI Resources seed lot 60486667 into Modified Chopped Meat broth and incubated for 2 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 Tryptic Soy agar with 5% defibrinated sheep blood kolles for 2 days at 37°C in an anaerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

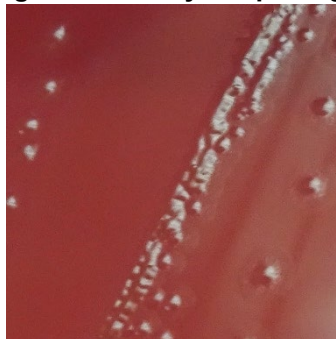
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

**Lot: 70062239**

**Manufacturing Date: 28JUL2023**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology  Motility (wet mount)	Gram-negative rods Report results  Report results	Gram-negative rods Circular, low convex, entire, smooth, translucent and brown (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1390 base pairs)	≥ 99% sequence identity to <i>P. melaninogenica</i> , strain D18 (GenBank: ACWY01000141.1)	99.9% sequence identity to <i>P. melaninogenica</i> , strain D18 (GenBank: ACWY01000141.1)
<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	Consistent with expected colony morphology  Report results	Consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b>	Growth	Growth

**Figure 1: Colony Morphology**



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Technical Manager or designee, ATCC Federal Solutions

10 OCT 2023

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