

***Blautia* sp., Strain KLE 1732**

**Catalog No. HM-1032**

**Product Description:**

*Blautia* sp., strain KLE 1732 was isolated on March 20, 2012, from a human fecal sample from an anonymous healthy male donor in Boston, Massachusetts, USA. HM-1032 was produced by inoculation of BEI Resources seed lot 63140990 into Modified Reinforced Clostridial broth and grown for 4 days at 37°C in an anaerobic atmosphere. Broth inoculum was added to Modified Reinforced Clostridial broth, which was grown for 3 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: 70037036**

**Manufacturing Date: 09JUL2020**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 4 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood Colony morphology 4 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood Motility (wet mount)	Report results  Report results  Report results	Gram-positive rod  Circular, slightly peaked, undulate and translucent (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA (rRNA) gene (~ 640 base pairs)	≥ 99% identical to <i>Blautia</i> sp., strain KLE 1732 (GenBank: AWSY01000222.1)	100% identical to <i>Blautia</i> sp., strain KLE 1732 (GenBank: AWSY01000222.1)
<b>Purity (post-freeze)</b> Anaerobic 7 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood Aerobic 7 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> in Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology  Report results	Growth consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b> 4 days at 37°C in an anaerobic atmosphere in Tryptic Soy agar with 5% defibrinated sheep blood	Growth	Growth

**Figure 1: Colony Morphology**



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Program Manager or designee, ATCC Federal Solutions

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