

**Parabacteroides johnsonii, Strain CL02T12C29**

**Catalog No. HM-731**

**Product Description:**

*Parabacteroides johnsonii* (*P. johnsonii*), strain CL02T12C29 was isolated from healthy adult human feces in Boston, Massachusetts, USA. HM-731 lot 70048511 was produced by inoculation of BEI Resources seed lot 62264522 into Modified Trypticase Yeast Peptone Extract medium 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 passaged once in Chopped Meat medium for 4 days at 37°C in an anaerobic atmosphere to produce this lot.

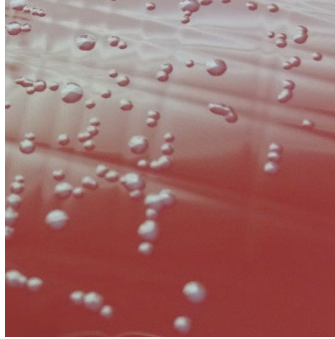
Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

**Lot: 70048511**

**Manufacturing Date: 19NOV2021**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood  Colony morphology 3 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood  Motility (wet mount)	Gram-negative rods  Report results  Report results	Gram-negative rods  Circular, low convex, entire, smooth and gray (Figure 1)  Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1470 base pairs)	≥ 99% sequence identity to <i>P. johnsonii</i> , strain CL02T12C29 (GenBank: AGZP01000009.1)	100% sequence identity to <i>P. johnsonii</i> , strain CL02T12C29 (GenBank: AGZP01000009.1)
<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	Growth consistent with expected colony morphology  No growth
<b>Viability (post-freeze)</b> 3 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/

Heather Couch

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