**Designation:** R 101-8 [AS 1.2268, BCRC 14668, CCUG 24606, CCUG 33907, CIP 105419, DSM 20104, HAMBI 112, ISL 120, JCM 1190, KCTC 3125, LMG 10508, NCIMB 702242]

**Deposited Name:** Bifidobacterium longum subsp. animalis Mitsuoka

**Product Description:** Type strain

**Medium**

- ATCC® Medium 1053: Reinforced Clostridial medium (Oxoid CM149)
- ATCC® Medium 2107: Modified Reinforced Clostridial
- ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

**Growth Conditions**

- **Temperature:** 37°C
- **Atmosphere:** Anaerobic

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 mL of #1053 or #2107 from a single test tube (5 to 6 mL) and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the broth tube. Additional tubes may be inoculated with 0.5 mL each from the suspension. A slant of #1053 or #2107 may also be inoculated with 0.2 mL. Streak several blood plates to check for colony morphology and purity.
4. Incubate tubes under an anaerobic atmosphere at 37°C. Incubate one agar plate anaerobically for colony formation, and one aerobically for aerobic contamination check.

**ANAEROBIC CONDITIONS:**

Anaerobic conditions for transfer may be obtained by either of the following:
- Use of an anaerobic gas chamber,
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:
- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

**Notes**

Anaerobe Systems Brucella Blood plates (AS-111 or AS-141) can be used to analyze colony morphology and purity.

Additional information on this culture is available at the ATCC® website at www.atcc.org.

**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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