**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, or
- 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® web site at www.atcc.org.

**References**
References and other information relating to this product are available online at 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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