Designation: 212A
Deposited Name: Lactobacillus bifidus var. pennsylvanicus Gyorgy and Rose

Medium
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 #2107 broth 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 and or plate may also be inoculated with 0.2 mL. Streak a blood plate to check for purity.
4. Incubate tubes and agar under anaerobic conditions at 37°C. Incubate the blood plate aerobically for an 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 connected 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
The depositor states that this item requires a growth factor found in human milk, however we have successfully cultivated it on #2107 Broth: Reinforced Clostridial Medium (BD 218081). Growth should occur in 48 hours. No growth should appear on the agar plate incubated aerobically.

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

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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