### Designation
S12

### Deposited Name
Bifidobacterium infantis Reuter

### Product Description
Type strain

### 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 or visit www.atcc.org for instructions.
2. Under anaerobic conditions aseptically rehydrate the entire pellet with approximately 0.5 mL of #2107 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2107 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of pre-reduced media.
3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #260 agar slant.
4. Incubate in an anaerobic atmosphere at 37°C for 48-72 hours. Incubate one agar plate aerobically at 37°C to check for contamination.

#### ANAEROBIC CONDITIONS:
Anaerobic conditions for transfer may be obtained by the use of an anaerobic gas chamber or 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 an anaerobic chamber
- Loose screw caps on test tubes in an activated anaerobic gas pack jar
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained

### Notes
ATCC recommends Anaerobe Systems Brucella Blood Plates (AS-111 or AS-141).

Purified genomic DNA of this strain is available as ATCC® 15697D-5™.

Several GenBank accessions are available for this item:
1. Nucleotide (GenBank): AF261679 Bifidobacterium infantis strain ATCC 15697 L-lactate dehydrogenase gene, partial cds.
2. Nucleotide (GenBank): CP001095 Bifidobacterium longum subsp. infantis ATCC 15697, complete genome.
6. Nucleotide (GenBank): X70974 B.infantis (CIP 6469) DNA sequence for 16S rRNA.
7. Nucleotide (GenBank): X89111 Bifidobacterium sp. 16S and 23S rRNA genes and ITS.

Additional information on this culture is available on 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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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org.

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