



Product Sheet

# *Bifidobacterium longum* (ATCC® 35183™)

Please read this **FIRST**



## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Bifidobacterium longum* (ATCC® 35183™)

## Description

**Designation:** 81A0338

**Deposited Name:** *Eubacterium rectale* (Hauduroy et al.) Prevot

## Propagation

### Medium

ATCC® Medium 1053: Reinforced Clostridial medium (Oxoid CM149)

ATCC® Medium 1053: Reinforced Clostridial medium (Oxoid CM149)

ATCC® Medium 1490: Modified chopped meat medium

### Growth Conditions

**Temperature:** 37.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of recommended 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. A slant and additional broth tubes may be inoculated with 0.2 ml each of the cell suspension. Blood plates may be streaked to check for colonial morphology and purity.
4. Incubate tubes and one plate under anaerobic conditions at 37°C. Incubate one blood plate in 5% CO<sub>2</sub> or in air at 37°C.
5. Within 48 hours, growth should be evident by turbidity in the broth and growth on agar surfaces. On #260 agar incubated anaerobically, colonies are entire, glistening, circular, smooth, and low convex. No growth should occur on the blood agar plate incubated aerobically.

### 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.

## 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.

## ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Product Sheet

## ***Bifidobacterium longum*** **(ATCC® 35183™)**

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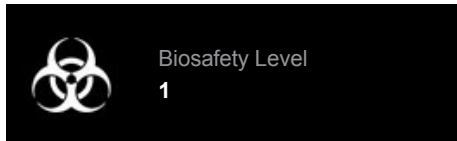
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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