



Product Sheet

# *Bacteroides fragilis* (ATCC® BAA-2283™)

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: *Bacteroides fragilis* (ATCC® BAA-2283™)

## Description

**Designation:** 2-1-56 FAA  
**Deposited Name:** *Bacteroides* sp.

## Propagation

### Medium

ATCC® Medium 1827: BHI with heat-inactivated fetal bovine serum and glucose  
ATCC® Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Anaerobic; 80% N<sub>2</sub>-20% CO<sub>2</sub> or 100% N<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw approximately 0.5 ml of #1827 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. Mix well. Additional tubes may be inoculated with 0.5 ml each from the suspension. Streak a blood agar plate with 0.1 ml to check for colonial 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:

1. Use of an anaerobic gas chamber, or
2. 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:

1. Loose screw caps on test tubes in anaerobic chamber,
2. Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
3. Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

Syringes can be made anaerobic by one of two methods: a) displace the dead space in the syringe with a sterile oxygen-free gas, or b) displace the dead space in the syringe with a reducing agent.

## Notes

Colonies on blood agar appear circular, entire, smooth, convex and glistening.

## References

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

## Biosafety Level: 2

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

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## Disclaimers

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

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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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