



# ***Bacteroides fragilis*** **(Veillon and Zuber)** **Castellani and Chalmers**

**BAA-2283™**

## **Description**

**Strain designation:** 2-1-56 FAA

**Deposited As:** *Bacteroides* sp.

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## **Intended Use**

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

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## **BSL 2**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## **Certificate of Analysis**

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## **Growth Conditions**

### **Medium:**

ATCC Medium 1827: BHI with heat-inactivated fetal bovine serum and glucose

ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood

**Temperature:** 37°C

**Atmosphere:** Anaerobic

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## **Handling Procedures**

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

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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.
4. 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.

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### **Notes**

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

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Bacteroides fragilis* (Veillon and Zuber) Castellani and Chalmers (ATCC BAA-2283)

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### **References**

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

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Product Sheet

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The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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## **Contact Information**

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