



Product Sheet

Faecalibacterium prausnitzii (ATCC® 27766™)

Please read this **FIRST**



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



Biosafety Level
1

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: *Faecalibacterium prausnitzii* (ATCC® 27766™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: VPI C13-20-A [ATCC 29739]

Deposited Name: *Fusobacterium prausnitzii* (Hauduroy et al.) Moore and Holdeman

Propagation

Medium

ATCC® Medium 1703: Chopped meat carbohydrates with rumen fluid

Growth Conditions

Temperature: 37°C

Atmosphere: Anaerobic gas mixture, 97% CO₂-3% H₂

Propagation Procedure

1. Just prior to use, thaw vial at room temperature.
2. Under anaerobic conditions, aseptically transfer the thawed suspension into a #1703 broth tube (5 to 6 mL).
3. This broth can now be used to inoculate other media. A slant and a pre-reduced blood plate may also be inoculated with 0.1 mL each of the cell suspension. An aerobic blood plate may also be streaked to check for purity.
4. Incubate tubes and plate under anaerobic conditions at 37°C for 24 to 48 hours. Incubate blood plate aerobically at 37°C.

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 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.
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

Notes

This item will only grow on #1703 agar.

No growth should occur on the aerobic and anaerobic blood plates. Always use freshly prepared prereduced media or prereduced media that has been previously prepared but stored under anaerobic conditions.

Resazurin in the media is a color indicator for anaerobic conditions. Observance of pink color in medium before use or during incubation shows anaerobic conditions has not been met and oxidation has occurred. Medium should be discarded.

This organism requires rumen fluid for growth. It is also very sensitive to oxygen. All media must be completely reduced. Any oxygen exposure will cause the culture to become nonviable.

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.

ATCC Warranty

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longer valid.

Disclaimers

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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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