



Product Sheet

# *Tannerella forsythia* (ATCC® 43037™)

Please read this FIRST



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

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Biosafety Level  
**2**

## 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: *Tannerella forsythia* (ATCC® 43037™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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## Description

**Designation:** FDC 338 [CCUG 21028A, CCUG 33064, CCUG 33226, CIP 105219, JCM 10827]

**Deposited Name:** *Bacteroides forsythus* Tanner et al.

**Product Description:** Type strain

## Propagation

### Medium

ATCC® Medium 1928: PY Medium (ATCC medium 1524) with horse serum and NAM

ATCC® Medium 1921: NAM medium

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Anaerobic gas mixture, 80% N<sub>2</sub>-10% H<sub>2</sub> - 10% CO<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions. Prepare biphasic slants by adding 2-3 mL of #1928 broth over a #1921 slant.
2. Under anaerobic conditions, withdraw 0.5 mL of #1928 broth from the biphasic slant and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the biphasic slant tube. Inoculate #1921 agar slants, broths and/or plates with 0.2 mL each of the cell suspension. Additional #1928 broth biphasic slant tubes may be inoculated with 0.2 mL each. An aerobic agar blood plate may also be streaked to check for purity.
4. Incubate the #1921 tubes and plates under anaerobic conditions at 37°C. Incubate agar blood plate aerobically at 37°C.
5. Within approximately seven days, growth should be evident by off white growth on the bottom of the biphasic slant. 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;
- 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:

- Loosen screw-caps on test tubes in anaerobic chamber;
- Loosen 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

NAM is required for growth.

To achieve optimal growth, grow this item biphasically. Weak growth in broth and on agar can only be achieved after extended incubation.

Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions.

Purified genomic DNA of this strain is available as ATCC® 43037D-5™.

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

## 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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the



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product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

### **Disclaimers**

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

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