



Tannerella forsythia (Tanner et al.) Sakamoto et al.

700191™

Description

Strain designation: VPI N24A-08

Deposited As: *Bacteroides forsythus* Tanner et al.

Type strain: No

Storage Conditions

Product format: Freeze-dried

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.

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.

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1921: NAM medium

Temperature: 37°C

Atmosphere: Anaerobic

Handling Procedures

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of #1921 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. Inoculate #1921 agar slants with 2 ml of broth to create a biphasic culture. Inoculate pre-reduced agar

blood plates (Medium #260) with 0.2 ml each of the cell suspension. Additional #1921 broth tubes may be inoculated with 0.5 ml each. An aerobic agar blood plate may also be streaked to check for purity.

4. Incubate tubes and plates under anaerobic conditions at 37°C. Incubate agar blood plate aerobically at 37°C.

5. When initially opened growth may take up to two weeks. Once growth has been established growth should be evident by off-white growth on the bottom of the slant and granular sediment in broth tubes within 4 to 6 days. No growth should occur on the blood agar plate incubated aerobically.

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 connected 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

Colonies on #1921 agar plates are small, entire, glistening, circular, smooth, dull white, and low convex.

This strain grows best in broth culture or a biphasic culture. NAM is required for growth.

Always use freshly prepared pre-reduced media or pre-reduced media that has

been previously prepared but stored under anaerobic conditions.

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Tannerella forsythia* (Tanner et al.) Sakamoto et al. (ATCC 700191)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

This information on this document was last updated on 2025-09-03

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