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

43037™

Description

Tannerella forsythia strain FDC 338 is a whole-genome sequenced bacterial type strain that was isolated in Massachusetts from a human periodontal pocket.
Strain designation: FDC 338 [CCUG 21028A, CCUG 33064, CCUG 33226, CIP 105219, JCM 10827]
Deposited As: *Bacteroides forsythus* Tanner et al.
Type strain: Yes

Storage Conditions

Product format: Frozen
Storage conditions: -80°C or colder

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 1928: PY Medium (ATCC medium 1524) with horse serum and NAM
ATCC Medium 1921: NAM medium
ATCC Medium 260: Trypticase soy agar/broth with defibrinated sheep blood
Temperature: 37°C
Atmosphere: Anaerobic

Handling Procedures

1. Open thawed vial.
2. Under anaerobic conditions aseptically transfer the entire contents to a 5-6 mL tube of #1928 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of pre-reduced media.
3. Use several drops of the primary broth tube to inoculate a #260 plate and/or #1921 agar slant.
4. Incubate in an anaerobic atmosphere at 37°C for 3-7 days. Incubate one agar plate aerobically at 37°C to check for contamination.

ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by the use of an anaerobic gas chamber or 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:

- Loose screw caps on test tubes in an 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

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 (ATCC 43037DQ).
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 43037)

References

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

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