ATCC

Product Sheet

Fibrobacter succinogenes subsp. succinogenes (ATCC® 19169™)

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: *Fibrobacter succinogenes subsp. succinogenes* (ATCC® 19169™)

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: S85 [VPI 12249; L.A. Burkey S85]
Deposited Name: *Bacteroides succinogenes* Hungate
Product Description: Type strain

Propagation

Medium
ATCC® Medium 1943: Fibrobacter medium

Growth Conditions
Temperature: 37°C
Atmosphere: Anaerobic gas mixture, 97% CO_2-3% H_2

Propagation Procedure

1. Perform all steps under anaerobic conditions.
2. Open vial according to enclosed instructions.
3. Using a single tube of #1943 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
4. Aseptically transfer the entire rehydrated contents of the vial into 5 to 6 mL of #1943 broth and immediately dilute 1:5 to a second broth tube. Medium must be absolutely reduced. Strain grows best in a stabbed slant or in broth that contains very little cryoprotective agent. Inoculate a plate of a non-selective medium such as Tryptic Soy, Nutrient, or blood agar with 0.1 mL of the cell suspension.
5. Seal the tube with a rubber stopper or use Hungate tubes and incubate anaerobically at 37°C. Incubate the plate aerobically as a purity check.
6. After 3-4 days, growth should be evident as turbidity throughout the broth. Once growth has been established, the culture should be transferred to fresh broth every 48 hours. No growth should appear on the plate incubated aerobically.

ANAEROBIC CONDITIONS

- Tubes of media are placed under a gassing cannula system connected to a source of oxygen free gas.
- All transfers are performed while the test tubes are on the cannula system with a gentle stream of oxygen free gas flowing through the system.
- As the test tubes are removed from the cannula system each is sealed with butyl rubber stopper thus maintaining the anaerobic headspace.
- This strain typically is grown in the presence of 97% carbon dioxide-3% hydrogen as a gas mixture.

Notes

Anaerobe Systems Brucella blood agar is recommended for solid medium. Colonies on Brucella blood agar are pinpoint, circular, entire and low convex.
Cells appear as coccobacilli. Once established, growth may be detected within 24 hours. Upon initial rehydration the culture may require 72 to 96 hours to exhibit significant growth.
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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. 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 strain. If an alternative medium

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formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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

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

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