



Product Sheet

# *Fibrobacter succinogenes* (ATCC® 51219™)

Please read this FIRST



## 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* (ATCC® 51219™)

## Description

**Designation:** A3c

**Deposited Name:** *Fibrobacter succinogenes* (Hungate) Montgomery et al.

## Propagation

### Medium

ATCC® Medium 1943: Fibrobacter medium

### Growth Conditions

**Temperature:** 37.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of the recommended 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. Additional tubes may be inoculated with 0.5 ml each from the suspension. Also, 0.1 ml may be inoculated onto a slant. Streak one blood plate to check for any aerobic contaminants.
4. Incubate tubes under an anaerobic atmosphere at 37°C. Incubate one agar plate aerobically for aerobic contamination check.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- 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:

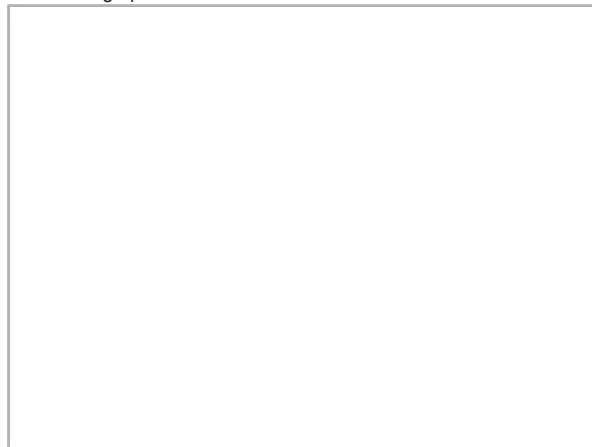
- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## Notes

Growth on agar was not detected. Always use freshly prepared pre-reduced media or pre-reduced 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 have not been met and oxidation has occurred. To obtain a fully reduced medium, it is necessary that the medium be anoxic and that a reducing agent be added. Common reducing agents are sodium sulfide, cysteine, dithiothreitol, titanium citrate and Co-enzyme M.

We suggest using cysteine and adding that reducing agent to the medium at least one hour before the medium is to be inoculated.

Photomicrograph 1000X



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).

American Type Culture Collection  
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Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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### **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.

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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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