



Product Sheet

Telmatospirillum *siberiense* (ATCC® BAA- 1305™)

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: *Telmatospirillum siberiense* (ATCC® BAA-1305™)

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: 26-4b1

Propagation

Medium

ATCC® Medium 2644: *Telmatospirillum* Medium

Growth Conditions

Temperature: 28.0°C

Atmosphere: Anaerobic; 80% N₂-20% CO₂

Propagation Procedure

1. When the Balch tube is ready to inoculate, thaw the frozen vial at room temperature under a gentle stream of oxygen-free gas.
2. For inoculation, use an anaerobic 1.0 ml syringe tipped with 22-gauge needle to withdraw the cell suspension from the vial and transfer it to the broth. Plate 0.1 ml of the inoculated culture onto a non-selective medium and incubate aerobically at 37°C. Use 0.1 ml of the inoculated culture to inoculate a nonselective aerobic broth. Transfer 0.5 ml of the re-hydrated culture to an additional tube of #2644 broth. Incubate the broth tubes at 28°C.
3. Growth should be detected in the #2644 broth within 3 to 5 days. There should be no growth detected aerobically.

ANAEROBIC CONDITIONS:

- Tubes of media are placed under a gassing cannula system hooked 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. A 100% nitrogen or 80% nitrogen--20% carbon dioxide gas mixture is typically employed as the oxygen-free gas source.

Notes

In 3 to 5 days, growth is evident in broth by turbidity. Cells are Gram-negative motile spirillum shaped cells.

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.

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

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