ATCC

Product Sheet

Telmatospirillum siberiense (ATCC® BAA-1305™)

Please read this FIRST

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: *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% N_2-20% CO_2

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 37ºC. 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 28ºC.
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.

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 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

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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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