





Product Sheet

Leptospirillum ferriphilum (ATCC® 49881™)

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: *Leptospirillum ferriphilum* (ATCC® 49881™)

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: P3A

Deposited Name: *Leptospirillum ferrooxidans* Markosian

Propagation

Medium

ATCC® Medium 1903: *Leptospirillum ferrooxidans* medium

Growth Conditions

Temperature: 37°C

Atmosphere: Aerobic

Propagation Procedure

1. Thaw the ampoule at room temperature under the recommended atmospheric conditions until just thawed.
2. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
3. Aseptically transfer the entire contents to a 5-6 mL tube of #1903 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
4. Incubate at 37°C for 5-10 days.

Notes

Growth is not visible except by microscope, where cells are seen as small, fast-moving spirochetes. The depositor states that this culture will grow at temperatures up to 45°C and produces ferric iron at low pH. 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

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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



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