ATCC

Product Sheet

Sulfurospirillum deleyianum (ATCC® 51133™)

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: *Sulfurospirillum deleyianum* (ATCC® 51133™)

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: Spirillum 5175 [DSM 6946]
Deposited Name: *Sulfurospirillum deleyianum* Schumacher et al.

Propagation

Medium
Medium 1842: Sulfurospirillum medium

Growth Conditions
Temperature: 30.0°C
Atmosphere: Anaerobic

Propagation Procedure
1. Open the vial according to the enclosed instructions.
2. Rehydrate the entire pellet using 0.5 to 1.0 ml of #1842 broth.
3. Aseptically transfer this aliquot back into the broth tube.
4. Use several drops of the suspension to inoculate plates to check for purity and anaerobic growth.
5. Fill the tube with the rehydrated culture to capacity and seal with a screw cap. Incubate at 30ºC for 3-4 days. Incubate the plate used to test for purity at 30ºC aerobically. The plate to test for anaerobic growth should be incubated in an anaerobic jar at 30ºC.

Notes

Use a small sterile screw cap test tube to grow the culture initially. As the culture grows, it can be transferred to increasingly larger volumes. Always use a large inoculum (10 to 20%) to obtain the best growth.

No growth should occur on the plate incubated aerobically.

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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Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this

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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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