



Product Sheet

Desulfovibrio sp. (ATCC® 27882™)

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: *Desulfovibrio sp.* (ATCC® 27882™)

Description

Designation: D
Deposited Name: *Desulfovibrio sp.*

Propagation

Medium
ATCC® Medium 1249: Modified Baar's medium for sulfate reducers
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ATCC® Medium 783: ML minimal lactate medium

Growth Conditions
Temperature: 37.0°C
Atmosphere: Anaerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Perform all steps under anaerobic conditions. (see below)
3. Aseptically transfer 0.5 ml of ATCC Medium #1249 to the vial and rehydrate the entire freeze-dried pellet. Transfer the suspension back into the tube of broth. Inoculate a plate of non-selective medium with 0.1 of the culture.
4. Seal the test tube with a rubber stopper and incubate anaerobically at 37°C. Incubate the plate(s) aerobically as a purity check.
5. After two or three days, growth should be evident as indicated by turbidity through out the broth. Once growth has been established, the culture should be transferred to fresh broth every 24 to 48 hours.
6. This culture is very sensitive to oxygen, therefore steps should be taken to avoid exposure to oxygen. When the culture exhibits good growth it will remain viable for up to 1 week if stored at 4°C under anaerobic condition.

Notes

The cells typically appear as motile, comma-shaped rods.
Once growth has been established the culture should be transferred every 24 hours when maintained at 30°C.
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

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. 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 product. 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,

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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

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

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