



Product Sheet

Rhodothermus marinus (ATCC® 43812™)

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: *Rhodothermus marinus* (ATCC® 43812™)

Description

Designation: R-10 [DSM 4252]

Deposited Name: *Rhodothermus marinus* Alfredsson et al.

Propagation

Medium

ATCC® Medium 1599: Thermus enhanced medium (ATCC medium 1598) with 1% NaCl

Growth Conditions

Temperature: 70.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. **Using a single tube of #1599 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.**
3. **Aseptically transfer this aliquot back into the broth tube. Mix well.**
4. **Use several drops of the suspension to inoculate a #1599 agar slant and/or plate.**
5. Incubate the tubes and plate at 70°C for 3-5 days.
6. Once growth is obtained in the broth tubes, plates can be inoculated with approximately 0.1 ml per plate. Better growth is achieved on plates when incubated at 60°C rather than 70°C. Plates should be incubated in a jar or plastic bag with a moist cloth or paper towel to prevent plates from drying out.

Notes

Growth should be visible in broth within 3 to 5 days. At 1000X magnification, cells appear as long straight rods with curved ends. Heavy growth in broth gives a pink pigment. Colonies are reddish colored, low convex, with entire edges. The cells are Gram negative.

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.

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www.atcc.org

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the misidentification or misrepresentation of such materials.

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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PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

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Email: Tech@atcc.org

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