



Product Sheet

Thermus scotoductus **(ATCC® 27978™)**

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: *Thermus scotoductus* (ATCC® 27978™)

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: X-1
Deposited Name: *Thermus* sp.

Propagation

Medium
ATCC® Medium 697: *Thermus* medium

Growth Conditions
Temperature: 64.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #697 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and rehydrate the pellet.
3. Transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plates.
5. Incubate tubes at 64°C. For best results, incubate tubes within a closed jar with a moistened paper towel added to maintain humidity and prevent desiccation.

Notes

Growth should be visible in broth after 24 to 48 hours of incubation. At 1000X magnification, cells appear as long, regular rods occurring singly or in long filaments.

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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