



Product Sheet

# *Thermus sp.* (ATCC® 27737™)

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 sp.* (ATCC® 27737™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** T2  
**Deposited Name:** *Thermus sp.*

## Propagation

**Medium**  
ATCC® Medium 723: Castenholz TYE medium, modified

**Growth Conditions**  
**Temperature:** 70.0°C  
**Atmosphere:** With aeration

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #723 broth, withdraw 0.5 ml with a Pasteur pipette and rehydrate the entire pellet.
4. Incubate the broth culture at 70°C with shaking. Growth should be detected within 24 to 48 hours.
5. After growth has been obtained in the broth the broth can be used to inoculate fresh slants and plates. For best results incubate the slants and plates in a closed jar with a moistened paper towel to maintain the humidity and to prevent desiccation.

## Notes

**Growth should be detected within 24 to 48 hours. Cells are rods, graceful and delicate, mostly single, some parallel loops, aggregates that form balls.**

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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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](http://www.atcc.org)



Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).  
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