



Product Sheet

Thermus thermophilus (ATCC® BAA-485™)

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 thermophilus* (ATCC® BAA-485™)

Description

Designation: CARD

Deposited Name: *Thermus thermophilus* (Oshima and Imahori) Williams et al.

Propagation

Medium

ATCC® Medium 461: Castenholz TYE medium

Growth Conditions

Temperature: 65.0°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #461 broth (5 to 6 ml), withdraw approximately 0.6 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.
3. Aseptically transfer 0.3 ml of this suspension back into the broth tube. Mix well.
4. Use the remaining 0.3 ml of the suspension to inoculate a slant of #461 agar.
5. Incubate tubes at 65°C. For best results, incubate tubes within a closed jar with a moistened paper towel added to maintain humidity and prevent desiccation.
6. Once growth is obtained in broth, plates can be inoculated with approximately 0.2 ml per plate. Better growth is achieved on plates when incubated at 60°C rather than 65°C. Plates should be incubated in a jar as described above or taped shut to prevent desiccation.

Notes

Colonies are yellowish and low convex. Growth on solid agar can be difficult requiring moisture to keep plates from drying out. Cells are straight to curved rods that stain Gram-negative.

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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Thermus thermophilus **(ATCC® BAA-485™)**

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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