



Product Sheet

Meiothermus taiwanensis (ATCC® BAA-400™)

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: *Meiothermus taiwanensis* (ATCC® BAA-400™)

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

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Description

Designation: WR-220 [CCRC-17171]

Deposited Name: *Meiothermus taiwanensis* Chen et al.

Propagation

Medium

ATCC® Medium 461: Castenholz TYE medium

Growth Conditions

Temperature: 55.0°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 entire 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 55°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. Plates should be taped shut to prevent desiccation.

Notes

Red growth should be visible in broth and slant tubes after 24 to 48 hours of incubation. At 1000X magnification, cells are threadlike.

After 48 hours, the colonies on plates are circular, red, glistening and slightly raised. Colonies may be darker red at the center and some colonies display color variations ranging from red to cream color. The color variation is a rare occurrence.

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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