



# ***Heliobacterium gestii*** **Ormerod et al.**

**43375™**

## **Description**

**Strain designation:** T [Chainat]

**Deposited As:** *Heliobacterium gestii* Ormerod et al.

**Type strain:** Yes

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## **Storage Conditions**

**Product format:** Freeze-dried

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## **Intended Use**

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## **BSL 1**

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 1552: Modified Van Niel's yeast medium with pyruvate

**Temperature:** 37°C**Atmosphere:** Anaerobic**Incubation:** Under a tungsten lamp

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. Fill a sterile small screw cap test tube close to capacity with ATCC medium 1552. Pre reduce the medium by adding 0.2 ml of a sterile 3 % Cysteine solution. Finish filling the test tube to capacity with ATCC medium 1552 and seal the test tube with the screw cap. Let the tube sit at room temperature for a minimum of 30 minutes,

the test tube can sit over night without any adverse effects.

3. Rehydrate the entire pellet using 0.5 ml of the pre reduced medium from the small test tube.

4. Aseptically transfer this aliquot back into the broth tube. Make sure the test tube is filled to capacity.

5. Use several drops of the suspension to inoculate a nutrient or trypticase soy plate and streak out.

6. Incubate the tubes under a tungsten lamp at 37 °C.      Incubate the plate(s) at 37 °C in the dark.

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## Notes

Growth in broth should be evident in 4 to 7 days.

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

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Heliobacterium gestii* Ormerod et al. (ATCC 43375)

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## References

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

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## Warranty

43375

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