ATCC

Product Sheet

Heliobacterium gestii (ATCC® 51791™)

Please read this FIRST

Biosafety Level
1

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: *Heliobacterium gestii* (ATCC® 51791™)

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: HD-7
Deposited Name: *Heliobacterium gestii* Ormerod et al.

Propagation

Medium
ATCC® Medium 2061: PYE MEDIUM

Growth Conditions
Temperature: 37.0°C
Atmosphere: Anaerobic under light

Propagation Procedure
2. Just prior to inoculation open the freeze dried vial according to instructions
3. Remove 0.5 ml of broth from the screw cap test tube and use this to rehydrate the freeze-dried pellet. Transfer the rehydrated cells back into the test tube and seal with screw cap, incubate at 37 °C under a light.
4. Growth should be detected within 48 to 72 hours.
Reducing agents:
To obtain a fully reduced medium, it is necessary that the medium be anoxic and that a reducing agent be added. Common reducing agents are sodium sulfide, cysteine, dithiothreitol, and titanium citrate.

Notes

The cells stain Gram negative. They are motile rods that occur singly or in pairs, and in some cases as clumps. As the cells age they tend to become round. Once growth has been established, the culture should be transferred every 3 to 4 days.
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.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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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

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