



Product Sheet

Heliophilum fasciatum

(ATCC® 51790™)

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: *Heliophilum fasciatum* (ATCC® 51790™)

Description

Designation: Tanzania
Deposited Name: *Heliophilum fasciatum* 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 long rods with tapered ends 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

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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

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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