ATCC

Product Sheet

Acanthamoeba sp. (ATCC® 50660™)

Please read this FIRST

Biosafety Level
2

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: *Acanthamoeba sp.* (ATCC® 50660™)

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

Strain Designation: 80-3-1-MX
Deposited Name: *Acanthamoeba* sp.
Depositor: TK Sawyer
Isolation:

Propagation

Growth Conditions
Temperature: 25.0°C
Protocol: ATCCNO: 30135 SPEC: This strain is distributed as a frozen stabilate. See general instructions for thawing and storage of frozen material before proceeding. As soon as the shipment arrives, remove the frozen ampule from the dry ice and transfer it directly to a 35C water bath. After thawing the ampule, transfer the contents to a 16 x 125 mm plastic screw-capped test tube containing 5 ml of fresh medium. (Glass test tubes may also be used, but the cultures can be transferred less frequently when maintained in plastic.) Screw the cap on tightly and incubate the tube on a 5-15 degree slant at the appropriate temperature. Subculture every 2-4 weeks by vigorously agitating the culture and aseptically transferring a 0.1 ml aliquot to a fresh tube of medium. Prolongation of the transfer interval can be extended up to 6 months for certain strains of Acanthamoeba, however, this must be determined empirically for each strain.

Medium
Medium 997: Fresh water ameba medium

References

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 2

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.

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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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