ATCC

Product Sheet

Acidithiobacillus thiooxidans (ATCC® 15494™)

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: *Acidithiobacillus thiooxidans* (ATCC® 15494™)

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: CPB-25
Deposited Name: *Thiobacillus concretivorus* Parker

Propagation

Medium
ATCC® Medium 125: Thiobacillus medium

Growth Conditions
Temperature: 26.0°C

Propagation Procedure
1. Incubate the test tube culture at room temperature for 1 to 2 weeks upon arrival.
2. After the sulfur has settled to the bottom of the test tube examine the culture by phase microscopy to insure growth has occurred.
3. Use the entire tube to inoculate 100 ml of Medium #125 (in a 250 ml screw cap flask) and then place the flask on a shelf at room temperature.
4. Let the flask incubate for 2 to 4 weeks. Growth is indicated when the sulfur settles to the bottom of the flask.

Notes

When examined by phase microscopy cells appear as rods single and pairs. The culture generally does not exhibit turbidity.

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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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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