



Product Sheet

Chlamydomonas applanata (ATCC® 50457™)

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: *Chlamydomonas applanata* (ATCC® 50457™)

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: UTEX 225 sc1
Deposited Name: *Chlamydomonas applanata* Pringsheim
Depositor: CW Birky
Isolation:
clone derived from strain UTEX 225

Propagation

Growth Conditions
Temperature: 25.0°C

Duration: axenic

Protocol: ATCCNO: 50457 SPEC: After thawing the frozen material transfer contents to 10 ml of fresh medium in a T-25 tissue culture flask. Screw the cap on tightly and incubate at 25C under 50-100 uEinsteins/m2/sec of light. Subculture every 14 days by agitating the flask and aseptically transferring a 0.1 ml aliquot to a fresh flask of medium.

Medium

ATCC® Medium 1900: Soil extract salts medium

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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.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.

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

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