



Product Sheet

# Dechlorosoma sp. (ATCC® BAA-593™)

Please read this FIRST



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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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: *Dechlorosoma sp.* (ATCC® BAA-593™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** PDX

**Deposited Name:** *Dechlorosoma sp.*

## Propagation

### Medium

Medium for *Dechlorosoma* KJ and PDX

### Growth Conditions

**Temperature:** 26°C

**Atmosphere:** Anaerobic gas mixture, 80% N<sub>2</sub>-20%CO<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 mL of #2361 from a single test tube (5 to 6 mL) and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the broth tube. Additional tubes may be inoculated with 0.5 mL each from the suspension. A slant and plate of #2361 may also be inoculated with 0.2 mL.
4. Incubate tubes, slants and plates under an anaerobic atmosphere at 26°C.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following:

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## Notes

This organism is a facultative anaerobe, thus it will reduce the medium #2361 after inoculation. Therefore the medium does not need to be reduced prior to being inoculated; however the gas in the head space of the anaerobic test tube should be exchanged for 80% N<sub>2</sub>-20% CO<sub>2</sub>

This organism will grow on Nutrient Agar (BD 213000) under aerobic conditions. Colonies are pinpoint, circular, and translucent. Cells appear as small thin curved rods that occur singly and in pairs.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://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.

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## Disclaimers



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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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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