



Draconella solarishaesitans

PRA-362™

Product Sheet

Storage Conditions

Product format: Test tube

Storage conditions: See handling procedure

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than

submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 2348: Freshwater Diplophrys medium

Temperature: 20-25°C

Culture system: Xenic

Incubation: With mixed bacteria and ATCC® 30582™ *Chlorella* sp. as food source

Handling Procedures

Handling of Live Culture

This strain is routinely shipped as a growing culture in a T25 culture flask. The volume of the culture is approximately 10 mL. When the culture arrives, remove it promptly from the shipping container. **Do not store the culture at refrigeration temperatures before handling.** To assure viability, incubate at 20-25°C for at least one hour before observing the culture. There should be numerous active trophozoites attached to the inner surface of the flask or in suspension. If the numbers are low or cysts are present, the culture may have been exposed to temperature extremes during transit. Regardless of the state of the culture, aseptically transfer a 1.0 mL aliquot to a new T25 flask containing 10 mL of ATCC Medium 2348 previously inoculated with ATCC® 30582™ *Chlorella* sp. Incubate the parent and daughter cultures at 20-25°C.

Culture maintenance: Subculture every 2-4 weeks to a new T25 flask as follows:

1. Scrape the inner surface of the culture with a cell scraper to remove attached

trophozoites.

2. Transfer 1.0 mL from the suspended culture to 9.0 mL of ATCC medium 2348 with ATCC® 30582™ *Chlorella* sp.
 3. Incubate at 20-25°C.
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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Draconella solarishaesitans* (ATCC PRA-362)

References

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

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Revision

This information on this document was last updated on 2024-10-26

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