

Algae Culture Kit for *Chlorella pyrenoidosa*



Cat. No. ACK-004

Lot. No. (See product label)

Product Name

Algae Culture Kit for *Chlorella pyrenoidosa*

Size

Grows 500 mL in 50 mL culture flask.

Grows 4L (~1-gallon), no flasks.

Grows 20L (~5-gallons).

Max Pack of 10x 500 mL kits.

Max Pack of 30 x 500mL kits.

Product Overview

We have perfected the method and supplies for anyone to grow an ecologically or industrially important strain of algae. It contains everything you need to grow a laboratory-grade culture at home or at your desk, it is great for a science fair even used in art projects!

Description

Chlorella is a genus of single-cell green algae belonging to the phylum Chlorophyta. It is spherical in shape, about 2 to 10 μm in diameter, and is without flagella. *Chlorella* contains the green photosynthetic pigments chlorophyll-a and -b in its chloroplast. Through photosynthesis, it multiplies rapidly, requiring only carbon dioxide, water, sunlight, and a small amount of minerals to reproduce.

Culture

- Tissue culture flask
- (50 mL volume)
- Breathable cap
- 1 mL in a dense culture in a 1.5 mL microcentrifuge tube
- Small bag of salt to make 500ml (1/2 liter) of media
- Salts should be added to a 500ml bottle of drinking water (water not included in the kit)

Instructions

- Information about the strain of algae
- Culture care lessons
- Illustrated growing protocol
- Lifecycle background of batch-culture cycles

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY