

We supply:

- Living materials
- Culture media
- Frozen materials
- Preserved materials
- Skeletons
- Microscopes
- Wall charts
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- Books
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Euglena

Immediately on receipt of your Euglena culture loosen the cap and place the bottle in bright, but indirect sunlight.

Euglena are single celled flagellate algae. Although they contain chlorophyll, they cannot survive solely by photosynthesis. Euglena will flourish in an inorganic salts medium only if trace amounts of amino acids are added. They are difficult organisms to classify as they have both plant and animal characteristics.

Culture Medium:

The recommended media is made from Southern Biological culture media powder, CM5 .

This media is prepared as follows;

- Dissolve 0.25gm of the euglena media concentrate powder in 20mls of distilled boiled water. It's OK to leave the rice and wheat grains in.
- Transfer the solution into a clean and sterilized, 100ml glass bottle. Sterilization can be achieved with boiling water.
- Allow the media to cool completely before use.

Subculturing:

- Aseptically subculture Euglena into the fresh media by pouring in approximately 10 to 20 drops. (The amount transferred is dependent on how dense the parent culture is.)
- Cap the new culture loosely and maintain it at 20 to 25°C on a bench which receives bright, but not direct, sunlight.
- It will take approximately 4 to 5 weeks before the new culture is dense and available for use.

Please note: The media MUST be used within 24 hours of being made into solution to minimise bacterial growth.

Catalogue Code: L 1.30



Supporting Products for Euglena

Culture Medium:

Code: CM 5 Euglena Culture Media Powder, 0.5gm

Books:

Code: BK31.59 Freshwater Algae in Australia

Code: BK50.86 Guide to Microlife

Prepared Microscopic Slides:

Code: PMS 24.30 Euglena, WM

Posters

Code: WC34 Pond III, Photosynthetic Microlife

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