

Cryptomonas paramecium

Note: The culturing conditions below are not necessarily the optimal growth conditions for each strain, as much variation is found between strains, and cultures are not always kept in optimal growth conditions at CCAP for practical reasons. There may be more info in the individual strain data on the website.

On receipt of culture: cultures should be subcultured into fresh sterile medium as described below, ideally within a few days of receipt. If the culture vessel is very full on receipt and subculturing cannot be done immediately, we advise transferring half of the culture to a sterile container to provide air space.

ACDP Hazard Gp: 1 - Non pathogenic / non hazardous. Unlikely to cause human disease.

Culture Medium: CHM (Chilomonas Medium)

Media recipes can be found on our website: www.ccap.ac.uk/index.php/media-recipes/

Lighting: low light or dark

Light Cycle: -

Temperature: 15 degrees C (12-25 degrees)

Sub Interval: 8 weeks (at CCAP, may vary depending on environment)

Culture Vessel: glass test tubes, or glass flask/tissue culture flask

Culture Method:

To inoculate the fresh media a dense culture is chosen from existing stocks. The state of the culture is ascertained by microscopic examination.

To subculture, the inoculating tube is gently agitated to mix the cells evenly within the medium and a few ml of culture is poured or pipetted aseptically into each of the new tubes.

Use strict aseptic techniques throughout and if possible carry out all subculturing within a laminar flow cabinet (particularly important for axenic strains).