Deuteramoeba mycophaga

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.

Storing the cultures in natural daylight at room temperature should also be fine, providing they are kept out of direct sunlight.

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: PJ (Prescott & James solution) with boiled rice grains
Media recipes can be found on our website: www.ccap.ac.uk/index.php/media-recipes/

Lighting: not required

Light Cycle: -

Temperature: 20 degrees C

Sub Interval: 5 weeks (at CCAP, may vary depending on environment)

Culture Vessel: Tissue culture flasks or petri dishes

Culture Method:

Prepare approx. 30ml sterile media per sterile tissue culture flasks or petri dish, adding two boiled or flamed rice grains to each.

Select one dense culture from existing stocks, the state of the culture is ascertained by microscopic examination using an inverted microscope.

To inoculate, transfer 1-2ml aliquots of culture to each new flask.

Use strict aseptic techniques throughout and if possible carry out all subculturing within a laminar flow cabinet.