Paradermamoeba levis

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: If the culture vessel is very full on receipt and subculturing is not necessary immediately, we advise transferring half of the culture to a new sterile container to provide air space.

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

Culture Medium: PJ and two boiled wheat grains.
Media recipes can be found on our website: www.ccap.ac.uk/index.php/media-recipes/

Lighting: none required

Temperature: 20 degrees C

Sub Interval: 4 weeks

Culture Vessel: Petri dish or tissue culture flasks

Culture Method:

Observe culture under inverted microscope and choose a healthy culture. Transfer 1-2ml of culture from bottom of dish into fresh sterile medium by pipetting. You may need to gently agitate the bottom of the flask with a pipette to resuspend the organisms before transferring.

Add two boiled wheat grains to encourage growth of the bacteria on which the amoeba feeds.

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