

CCAP 1503/9 *Amoeba proteus*

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: unless the culture is to be used within a few days then the cultures should be subcultured into fresh sterile medium as described below within a week 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: CH (Chalkley's Medium) plus 2 boiled wheat grains to encourage the bacterial growth (the amoebae's food source)

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

Lighting: low light

Temperature: 15-20 degrees C

Sub Interval: 4 weeks

Culture Vessel: Tissue culture flasks or small petri dishes

Culture Method:

Add a few ml of culture to fresh sterile medium with two boiled wheat grains.

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