CCAP 1534/15 *Hartmannella* sp.

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: ASWP with boiled wheat or barley grain.
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: 4 weeks (at CCAP, may vary depending on environment)

Culture Vessel: 50ml tissue culture flasks

Culture Method:

To inoculate the fresh medium, a dense culture is chosen from existing stocks. The state of the culture is ascertained by microscopic examination using an inverted microscope.

To subculture, add 30ml fresh medium to a new flask, then pour around 10ml of this into the culture to be subcultured. Gently agitate to evenly mix the cells, then pour around 10ml back into the fresh medium. Add a boiled wheat or barley grain (to encourage bacterial growth on which the organism feeds)

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