

Colpoda augustini

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: SES (soil extract with added salts) and crushed wheat grains, for strong cultures some pieces of mealworm larvae or similar can be added. This strain forms cysts.

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

Lighting: low light or dark

Light Cycle: -

Temperature: 20 degrees C

Sub Interval: 6-8 weeks (at CCAP, may vary depending on environment), however encysted cultures may remain viable for several months.

Culture Vessel: tissue culture flasks

Culture Method:

Prepare new flasks of medium plus 2 crushed wheat grains. Gently agitate/swirl the inoculating flask and transfer a few ml to the new flask using a sterile pipette.

Incubate at 20 degrees C.

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