Cafeteria roenbergensis

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 plus pre-boiled and cooled wheat or barley grain, plus 1ml soil extract if needed.
Media recipes can be found on our website: www.ccap.ac.uk/index.php/media-recipes/

Lighting: not required

Light Cycle: -

Temperature: 15 degrees C

Sub Interval: approx. 12 weeks (at CCAP, may vary depending on environment)

Culture Vessel: 50ml Tissue culture flask

Culture Method:

Old cultures are directly examined using an inverted microscope (x400) and a culture containing active cells is chosen as an inoculum. The selected culture flask is then swirled to ensure uniform distribution of the protists and approximately 2-5ml transferred to a fresh culture vessel.

The new culture is incubated static.

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