

Euplaesiobystra hypersalinica

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: ASW150 (artificial seawater with a salinity of 150 psu) with 5 boiled wheat or barley grains.

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

Lighting: Not necessary

Light Cycle: -

Temperature: 35-37 degrees C

Sub Interval: 1 month (but will survive up to six months)

Culture Vessel: tissue culture flask

Culture Method:

Gently mix the culture, add a proportion to fresh sterile medium in the ratio of roughly 1:10 in a tissue culture flask and add boiled wheat/barley grains.

Use strict aseptic techniques throughout and if possible carry out all subculturing within a laminar flow cabinet.