

Gruberella flavescens

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: If the culture vessel is very full on receipt, we advise carefully pouring approx. half of the culture to a sterile container to provide air space – the resulting volume of culture medium should be at the 30ml mark when the vessel is upright.

Culture Medium: MERds / MY75S biphasic medium plus two rice grains

Lighting: Low lighting or dark (a light source is not required)

Light Cycle: 12h light : 12h dark

Temperature: 20 degrees C

Sub Interval: 4 weeks

Culture Vessel: Tissue culture flasks

Culture Method:

Take a fresh 50ml tissue culture flask containing a layer of sterile MY75S agar, fill to the 30ml mark with sterile MERds liquid medium, and add two rice grains. Pour approx. 5-10ml medium from the fresh culture vessel into the old flask and close the lid firmly. Gently shake the old flask to resuspend the cells adhered to the agar, then pour 5-10ml back into the receiving vessel – until once again at the 30ml mark. Seal both the old and new flasks with parafilm and lie them flat.

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

ACDP Hazard Gp: 1 - Non pathogenic / non hazardous. Unlikely to cause human disease.