

Calcofluor White (M2R) staining

Materials

Calcofluor stock – 0.1mg/ml in phosphate buffer, pH7

Method

1. Dilute stock 1:100 in buffer or dH₂O.
2. Stain sample for 5-10 mins
3. Observe under excitation 370nm, emission 440nm.

Notes

- Calcofluor is a specific stain for β -glucans and chitin.
- Calcofluor white M2R is also known as Tinopal and Fluorescent Brightener 28.