

Stentor Culture Medium

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Stentor Culture Medium comprises a chemically defined mineral salts solution and a vial of wheat grains. Keep any unused medium in the refrigerator at 6-8°C for up to 2 weeks after opening in order to minimize bacterial/fungal contamination which may occur during subculturing.

Pour 20-25ml of the Stentor Culture Medium into a very clean, glass petri dish, approximately 100mm in diameter. Soak 2-3 grains of wheat in boiled water for about 1 minute. Add the soaked wheat grains to the culture medium and using a pasteur pipette, transfer 5-10 stentors to the medium. Replace the lid of the petri dish and leave undisturbed in a dark cupboard at 20-25°C for a few weeks. The stentor will grow steadily in this solution and should be subcultured every 4 weeks to fresh culture medium.

Note: Other organisms such as chilomonas may also grow in this solution. The stentor feed on the chilomonas and they are essential for their growth.

Catalogue No. CM11

Supporting Products for Stentor:

Prepared Microscope Slides
Code: PMS13.60 Stentor

Posters
Code: WC32 Pond I, Smaller
Microlife

Petri Dishes
Code: E4.30 Glass Circular Petri
Dish (10)
Code: E4.10 Plastic Circular Petri
Dish (20)

Ref: CM11 23/3/09