

Chlamydomonas Culture Medium

Catalogue Code: CM2

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Chlamydomonas culture medium comprises a sterile chemically defined mineral salts solution. It is desirable to keep any unused medium in the refrigerator at 6-8°C for up to four weeks after opening in order to minimize bacterial/fungal contamination which may occur during sub-culturing.

CULTURE MEDIUM

Shake the contents of the bottle to disperse any sediment. Pour 20-25ml of the *Chlamydomonas* culture medium into a clean sterile 30ml bottle. Add 2-3ml of your live *Chlamydomonas* culture. Replace the lid of the bottle and maintain at 20-25°C, loosely capped, on a bench which receives bright, but not direct sunlight. Growth will be far stronger and more rapid in spring/summer than in autumn/winter, and stronger lighting is necessary in the autumn/winter seasons. Sub-culture every 6-8 weeks.

Note : Overnight storage at 5-7°C in the refrigerator may improve motility. It is not unusual for a significant proportion of cells in the culture to be non-motile.

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