

PC (Prescott's & Carrier's Solution)

Freshwater protozoa

Stocks

per litre

(1) MgSO ₄ .7H ₂ O	2.0 g
KCl	5.0 g
CaCl ₂	10.0 g
NaCl	10.0 g

Autoclave at 15 psi for 15 minutes. Dispense any excess stocks into 1 ml aliquots and freeze.

(2) CaHPO ₄	0.36 g
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Autoclave at 15 psi for 15 minutes. Dispense any excess stocks into 10 ml aliquots and freeze.

Medium

per litre

Stock solution 1	1 ml
Stock solution 2	10 ml

Using aseptic technique, make up to 1 litre with sterile deionised water. It may be necessary to decant supernatant from precipitate in final medium.

Alternatively, after autoclaving, it might be necessary to filter through 0.2-micron filter to remove precipitates.

Reference

Prescott, D.M. (1964). [Methods in Cell Biology] Methods in Cell Biology Volume 1 Volume 1 || Chapter 5 Experimental Procedures and Cultural Methods for Euplotes eurystomus and Amoeba proteus. , (), 85–95. – adapted for CCAP

Reviewed: 17th January 2025