

## NCL:MP

Freshwater protozoa

### Medium

3:1 mixture

See separate recipes. Autoclave separately. Mix aseptically when cool.

## NCL (New Cereal Leaf-Prescott Liquid)

### Medium

Cerophyll, cereal grass leaves \*

Prescott's & James's Solution (PJ - see recipe below)

### per litre

1.0 g

1.0 litre

Bring PJ to the boil then add cereal leaves. Continue to boil for 5 minutes. Allow to cool then restore volume to 1 litre with deionized water. Filter through GF/C paper and autoclave at 15 psi for 15 minutes.

### Supply

\* Ward's Natural Science, PO Box 92912, Rochester, NY 14692-9012, USA  
<http://wardsci.com>

## PJ (Prescott's & James's Solution)

### Stocks

- (1)  $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
- KCl
- (2)  $\text{K}_2\text{HPO}_4$
- (3)  $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$

### per 100 ml

0.43 g

0.16 g

0.51 g

0.28 g

### Medium

Stock solutions 1 - 3

### per litre

1.0 ml each

Make up to 1 litre with deionized water. Autoclave at 15 psi for 15 minutes.

## MP (Chapman-Andresen's Modified Pringsheim's Solution)

<b>Stocks</b>	<b>per 100 ml</b>
(1) $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$	20.0 g
(2) $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$	2.0 g
(3) $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$	2.0 g
(4) KCl	2.6 g
(5) $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	0.2 g
conc $\text{H}_2\text{SO}_4$	0.1 ml

<b>Medium</b>	<b>per litre</b>
Stock solutions 1 - 5	1.0 ml each

Make up to 1 litre with deionized water. Autoclave at 15 psi for 15 minutes.