

## EG:JM

### Medium

1:1 mixture

See separate recipes. Mix then autoclave at 15 psi for 15 minutes.

## EG (Euglena gracilis Medium)

Freshwater algae and protozoa

Stock	per litre
(1) CaCl <sub>2</sub> stock solution: CaCl <sub>2</sub>	1.0 g
<b>Medium</b>	
Sodium acetate trihydrate	1.0 g
"Lab-Lemco" powder (Oxoid L29) *	1.0 g
Tryptone (Oxoid L42) *	2.0 g
Yeast extract (Oxoid L21)*	2.0 g
CaCl <sub>2</sub> stock solution (1)	10.0 ml

Add constituents above and make up to 1 litre with deionized water. For agar add 15 g per litre Bacteriological Agar (Oxoid L11)\*. Autoclave at 15 psi for 15 minutes.

### Supply

\* Unipath Ltd, Wade Road, Basingstoke, Hants RG24 0PW, UK

## JM (Jaworski's Medium)

Freshwater algae

<b>Stocks</b>	<b>per 200 ml</b>
(1) Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	4.0 g
(2) KH <sub>2</sub> PO <sub>4</sub>	2.48 g
(3) MgSO <sub>4</sub> ·7H <sub>2</sub> O	10.0 g
(4) NaHCO <sub>3</sub>	3.18 g
(5) EDTAFeNa	0.45 g
EDTANa <sub>2</sub>	0.45 g
(6) H <sub>3</sub> BO <sub>3</sub>	0.496 g
MnCl <sub>2</sub> ·4H <sub>2</sub> O	0.278 g
(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> ·4H <sub>2</sub> O	0.20 g
(7) Cyanocobalamin	0.008 g
Thiamine HCl	0.008 g
Biotin	0.008 g
(8) NaNO <sub>3</sub>	16.0 g
(9) Na <sub>2</sub> HPO <sub>4</sub> ·12H <sub>2</sub> O	7.2 g

<b>Medium</b>	<b>per litre</b>
Stock solutions 1 - 9	1 ml each

Make up to 1 litre with deionized water. For agar, add 15.0 g per litre of Bacteriological Agar (Oxoid L11)\*. Autoclave at 15 psi for 15 minutes.

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