TAP medium

Stocks		**per litre**
(1)	NH_4Cl	8 g
	$CaCl_2.2H_2O$	1 g
	$MgSO_4.7H_2O$	2 g
(2)	K_2HPO_4	10.8 g
	KH_2PO_4	5.6 g

(3) Trace Elements (Hutner's)
It is recommended to look up a separate recipe to make Hutner's trace element solution as it is a complicated process.

$Na_2EDTA.2H_2O$	50 g
$ZnSO_4.7H_2O$	22 g
H_3BO_3	11.4 g
$MnCl_2.4H_2O$	5.1 g
$FeSO_4.7H_2O$	5 g
$CoCl_2.6H_2O$	1.6 g
$CuSO_4.5H_2O$	1.16 g
$(NH4)6Mo_7O_{24}.4H_2O$	1.1 g

	per litre
(4) Tris	242 g
Glacial acetic acid	100 ml

Medium	**per litre**
Stock solution 1	50 ml
Stock solution 2	10 ml
Stock solution 3	1 ml
Stock solution 4	10 ml

Make up to 1 litre with deionised water. For agar, add 15 g per litre Bacteriological Agar. Autoclave at 15 psi for 15 minutes.

Reference

Gorman, D., & Levine, R.P. (1965). Cytochrome f and plastocyanin: their sequence in the photosynthetic electron transport chain of *Chlamydomonas reinhardi*. Proceedings of the National Academy of Sciences of the United States of America, 54 6, 1665-9. – adapted for CCAP

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