

ANT (Antia's Media)

Stock	per 1000 cm³
(1) Trace metals stock solution (chelated):	
EDTA.Na ₂ .2H ₂ O	3.24 g
FeCl ₃ .6H ₂ O	1.08 g
MnSO ₄ .4H ₂ O	0.450 g
ZnSO ₄ .7H ₂ O	0.230 g
Na ₂ MoO ₄ .2H ₂ O	0.097 g
CuSO ₄ .5H ₂ O	0.01 g
CoSO ₄ .7H ₂ O	0.0056 g

Make up to 1 litre with distilled water and adjust pH to 7.6 - 7.8 with dilute HCl or NaOH. Store frozen.

Medium	per 1000 cm³
KNO ₃	0.05 g
NaH ₂ PO ₄ .2H ₂ O	0.0078 g
Tris [tris(hydroxymethyl)aminomethane]	1.0 g
Glycine	0.3 g
Trace metals stock solution (chelated) (1)	2.5 ml
Thiamine HCl	500.0 µg
Cyanocobalamin (Vitamin B ₁₂)	2.0 µg
Biotin	1.0 µg
Filtered natural seawater	800.0 ml

Make up to 1 litre with distilled water and autoclave at 15 psi. Final pH should be 7.6 - 7.8.

References

- Antia NJ & Kalmakoff J (1965) Fish. Res. Bd Can., Manuscr. Rep. Ser. (Oceanogr. Limnol.) No. 203
 Antia NJ, Cheng JY & Taylor FJR (1969) Proc. Int. Seaweed Symp. **6**, 17-29