

Media for protozoa

SUY

Prepare as for 100 mL URO medium with seawater instead of distilled water. Add 10 mg yeast extract and 20 mg tryptone.

Indicated as "URO-YT" in reference.

Reference

Moriya, M., Nakayama, T., Inouye, I. 2000 Ultrastructure and 18S rDNA sequence analysis of *Wobblia lunata* gen. et sp. nov., a new heterotrophic flagellate (Stramenopiles, *incertae sedis*). *Protist*, **151**, 41-55.

URO

NH ₄ NO ₃	0.5 mg
β -Na ₂ glycerophosphate · 5H ₂ O	0.4 mg
MgSO ₄ · 7H ₂ O	1 mg
CaCl ₂ · 2H ₂ O	1 mg
KCl	0.1 mg
Thiamine HCl	1 µg
Vitamin B ₁₂	0.01 µg
Biotin	0.01 µg
Fe-EDTA	0.05 mg
PIV metals	0.1 mL
Distilled water	99.9 mL
pH 7.5 ¹⁾	

1) pH is adjusted to 7.5 with 0.1 mol/L HCl.

Reference

Kimura, B., Ishida, Y. 1985 Photophagotrophy in *Uroglena americana*, Chrysophyceae. *Jpn. J. Limnol.*, **46**, 315-318.

Nakahara, H., Sako, Y. 1987 2. Life history of freshwater phytoplankton [2. Tansui syokubutsu purankuton no seikatsushi]. In *Freshwater red tide [Tansui Akashio]*, Ed. by Kadota, H., Kôseisy-a-Kôseikaku, Tokyo, p. 21-77 (in Japanese without English title).

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P IV metals

$\text{Na}_2\text{EDTA} \cdot 2\text{H}_2\text{O}$	100 mg
$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$	19.6 mg
$\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$	3.6 mg
ZnCl_2 ¹⁾	1.04 mg
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	0.4 mg
$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	0.25 mg
Distilled water	100 mL

1) In the NIES-Collection, 1.04 mg ZnCl_2 is replaced by 2.2mg $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$.

Reference

Provasoli, L., Pintner, I. J. 1959 Artificial media for fresh-water algae: problems and suggestions. In *The Ecology of Algae. Spec. Pub. No. 2.*, Eds. by Tryon, C. A., Jr. & Hartmann, R. T., Pymatuning Laboratory of Field Biology, University of Pittsburgh, Pittsburgh, p. 84-96.