



Jun 12,  
2019

## f/2 medium

Roscoff Culture Collection<sup>1</sup>

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Working

dx.doi.org/10.17504/protocols.io.s26eghe

Roscoff Culture Collection



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### ABSTRACT

Medium to grow most phytoplankton species in particular diatoms.

### STEPS MATERIALS

NAME	CATALOG #	VENDOR
Guillard's (F/2) Marine Water Enrichment Solution	G0154-500ML	Sigma – Aldrich

#### Prepare using Sigma Aldrich stock

- Filter 1L of old seawater of at least two months on prefilter and 0.2 µm filter
  - Heat seawater during 10/20 min at 100°C (pasteurisation)
  - Let the water cool down
  - Under laminar flow hood, add 25 mL of Guillard's (f/2) Marine Water Enrichment Solution (Sigma-Aldrich G9903)
  - Filter the medium on 0,2 µm



Guillard's (F/2) Marine Water Enrichment Solution

by Sigma – Aldrich

Catalog #: G0154-500ML

#### Prepare from base chemicals

- See: [https://ncma.bigelow.org/media/wysiwyg/Algal\\_recipes/NCMA\\_algal\\_medium\\_f\\_2\\_1.pdf](https://ncma.bigelow.org/media/wysiwyg/Algal_recipes/NCMA_algal_medium_f_2_1.pdf)



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