



f/2 medium +2

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ABSTRACT

Medium to grow most phytoplankton species in particular diatoms.

STEPS MATERIALS

NAME ▾

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

CATALOG # ▾

G0154-500ML

VENDOR ▾

Sigma – Aldrich

BEFORE STARTING

Please refer to our general recommendations to grow cultures :

<https://www.protocols.io/private/A48906DC1374AD6281495CB86A8F092F>

Prepare using Sigma Aldrich stock

- 1
 - 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

- 2 See: https://ncma.bigelow.org/media/wysiwyg/Algal_recipes/NCMA_algal_medium_f_2_1.pdf