JUN 25, 2019

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.337gqrn

Protocol Citation: Lev Tsypin, Aaron Turkewitz 2019. Cultivation of *Seminavis robusta*. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.337gqrn>

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Protocol status: Working
 We use this protocol and it's working

Created: Jun 12, 2019

Last Modified: Jun 25, 2019

PROTOCOL integer ID:
 24415

Keywords: Cultivation, culturing, diatom, marine, protist

🌐 Cultivation of *Seminavis robusta*

📁 In 2 collections

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Protist Research to Optimize Tools in Genetics (PROT-G)

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ABSTRACT

This protocol describes how we grew *S. robusta* and stored cultures at 4 C. Under these conditions, the cells grow to a maximum density of $2-2.5 \times 10^6$ cells/mL.

MATERIALS

The materials used here are described in the media/materials protocol in this collection.

Growth

- 1 Set up an incubator for 12 hr day-night cycling at 18 C.
- 2 Inoculate 100 mL F/2 in 175 cm² flask with ~500,000 cells
- 3 Lay flat in incubator

Cold storage

- 4 Scrape a growing 175 cm² flask
- 5 Mix 5 mL of scraped culture with 5 mL fresh F/2 medium in a 15 mL falcon tube
- 6 Wrap with foil and store flat at 4 C.