Cultivation of *Seminavis robusta*

In 2 collections

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

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.

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
**Growth**

1. Set up an incubator for 12 hr day-night cycling at 18 C.

2. Inoculate 100 mL F/2 in 175 cm$^2$ flask with ~500,000 cells

3. Lay flat in incubator

**Cold storage**

4. Scrape a growing 175 cm$^2$ 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.