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## Cultivation of *Seminavis robusta*

 In 2 collections

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**Protocol status:** Working

**We use this protocol and it's working**

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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  $2\text{--}2.5 \times 10^6$  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 cm<sup>2</sup> flask with ~500,000 cells
- 3 Lay flat in incubator

## Cold storage

- 4 Scrape a growing 175 cm<sup>2</sup> 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.