JUN 12, 2019

🌐 Soil extract for algal media

Roscoff Culture Collection¹

¹Station Biologique, CNRS-Sorbonne Université, Roscoff France

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Daniel Vaultot

Station Biologique, Roscoff, France , Nanyang Technologica...

ABSTRACT

How to prepare soil extract

BEFORE START INSTRUCTIONS

Please refer to our general recommendations to grow cultures :

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

OPEN ACCESS

DOI:

dx.doi.org/10.17504/protocols.io.s28eghw

Protocol Citation: Roscoff Culture Collection 2019. Soil extract for algal media.

protocols.io

<https://dx.doi.org/10.17504/protocols.io.s28eghw>

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

Created: Aug 28, 2018

Last Modified: Jun 12, 2019

PROTOCOL integer ID:
15168

- 1 Sample 10 g of dry soil from a place that does not contain any pesticide nor pollutant and where you can be sure to be able to come back in order to always use the same soil. The soil must be dry because the boiling step will be longer if the soil is not dry.

- 2 Add the 10 g soil to 400ml of milliQ water.
- 3 Boil during 1 hour.
- 4 Filter on 0.2 μm or first through 0.8/0.4 μm and then through 0.2 μm in order not to clog the filter.
- 5 Aliquot and freeze.
- 6 Add 30 à 50ml of soil extract per 1 L of medium.