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## Soil extract for algal media

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**Protocol status:** Working

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

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## Abstract

How to prepare soil extract

## Before start

Please refer to our general recommendations to grow cultures :

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



- 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  $\mu\text{m}$  or first through 0.8/0.4  $\mu\text{m}$  and then through 0.2 $\mu\text{m}$  in order not to clog the filter.
- 5 Aliquot and freeze.
- 6 Add 30 à 50ml of soil extract per 1 L of medium.