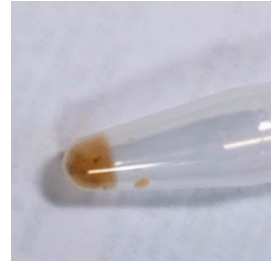


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Isolation of Artemia nauplii for DNA extraction

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Protocol status: Working

Created: June 13, 2017

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Protocol Integer ID: 6339

Abstract

Nauplii, ie newly hatched Artmemia (3-5 days), are processed to concentrate and separate from the eggs, before a DNA extraction


Materials


STEP MATERIALS


 Whatman #1 paper **Catalog #1001150**

 Whatman #1 paper **Catalog #1001150**

Protocol materials

 Whatman #1 paper **Catalog #1001150**

 Whatman #1 paper **Catalog #1001150**

 Whatman #1 paper **Catalog #1001150**



Prepare conical filter from Whatman #1

- 1 150mm circle paper folded into cone and stapled

 Whatman #1 paper **Catalog #1001150**

Place in glass funnel over beaker

- 2





Pour in Artemia culture and let drain through


3

Remove Artemia from centre of paper to 1.5ml tube

4 leave eggs behind as much as possible

Spin for 30 seconds in microfuge to pellet Artemia

5


 00:00:30

Discard supernatant

6 ie remove fluid with pipette to concentrate the Artemia

Spin for 30 seconds in microfuge to pellet Artemia

7

 00:00:30

Discard supernatant

8

