

Isolation of Artemia nauplii for DNA extraction

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Abstract

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

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Protocol


Prepare conical filter from Whatman #1

Step 1.

150mm circle paper folded into cone and stapled



REAGENTS

 Whatman #1 paper 1001150 by Contributed by users

Place in glass funnel over beaker

Step 2.



Pour in Artemia culture and let drain through

Step 3.

Remove Artemia from centre of paper to 1.5ml tube

Step 4.

leave eggs behind as much as possible

Spin for 30 seconds in microfuge to pellet Artemia

Step 5.

Discard supernatant

Step 6.

ie remove fluid with pipette to concentrate the Artemia

Spin for 30 seconds in microfuge to pellet Artemia

Step 7.

Discard supernatant

Step 8.

