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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

MATERIALS

STEP MATERIALS

Whatman #1 paper Contributed by users Catalog #1001150

Whatman #1 paper Contributed by users Catalog #1001150

OPEN ACCESS

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Protocol status: Working

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Prepare conical filter from Whatman #1

1 150mm circle paper folded into cone and stapled

Whatman #1 paper Contributed by users 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