

VERSION 3

MAR 24, 2023



ONA extraction (BOMB) V.3

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ABSTRACT

DNA extraction (BOMB)



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protocols.io

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

working

Created: Mar 24, 2023

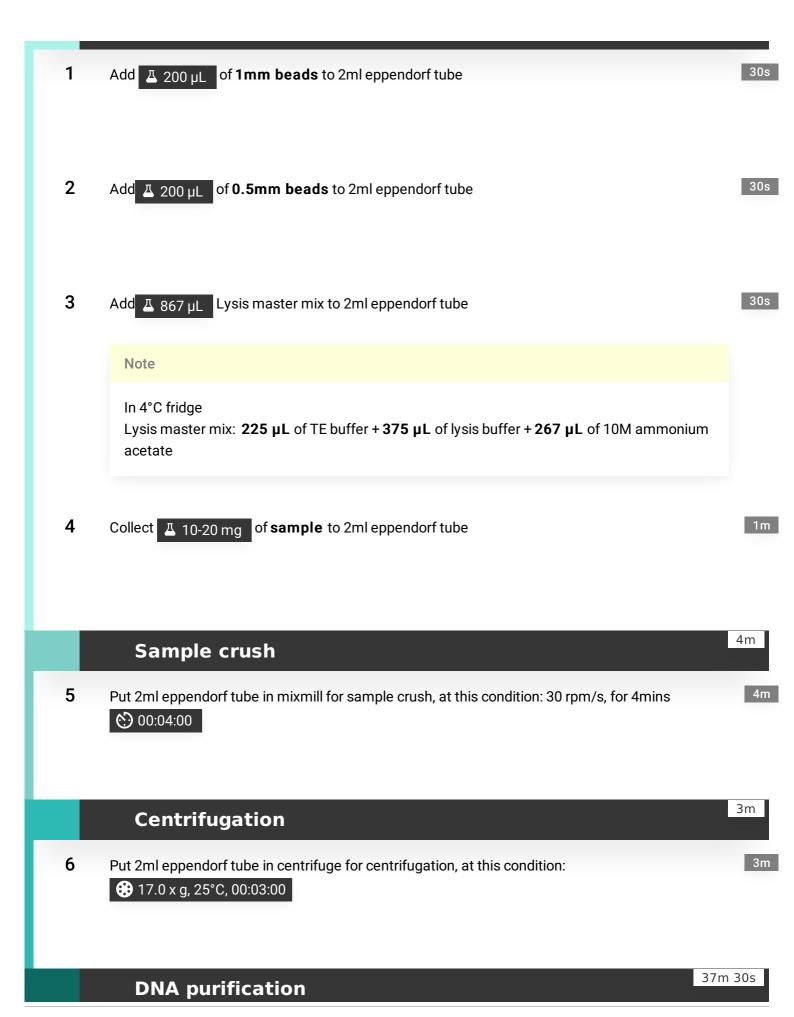
Last Modified: Mar 24, 2023

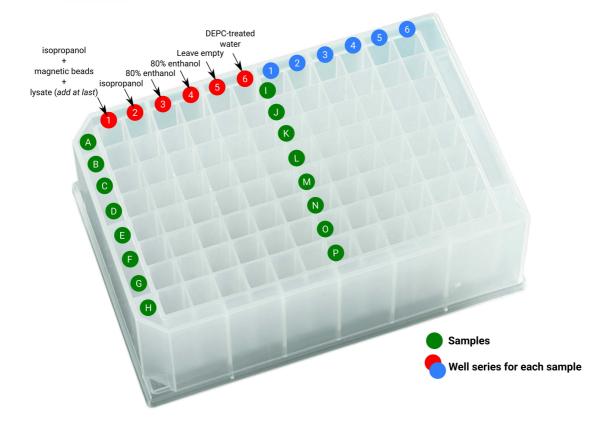
PROTOCOL integer ID:

79371

Sample Collection

3m





7.1 Add $\underline{\text{A}}$ 125 μL of magnetic beads (10 mg/ml) to the 1st well of 96 deep well plate

30s

Note

Vortex the bottle and pipetting before using magnetic beads; re-do vortex after adding to 3 samples to prevent set down of magnetic beads

7.2 Add $\underline{\mathbb{Z}}$ 200-300 μL of the **sample (lysate)** from the 2ml centrifuged tube to the 1st well of 96 deep well plate

30s

Note

Pipetting **as much lysate as you can**, as long as it's free of any cell debris (no solids in your tip)

ADD at LAST

Add Δ 400 μ L of **isopropanol** to the 2nd well of 96 deep well plate

30s

9 Add $\underline{\mathbb{Z}}$ 300 μL of 80% enthanol to the 3rd well of 96 deep well plate

30s

Add \perp 300 μ L of 80% enthanol to the 4th well of 96 deep well plate

30s

11 Add A 100 µL of **DEPC-treated water** to the 6th well of 96 deep well plate

- 30s
- Put the prepared 96 deep well plate in the automated DNA extraction machine and select the BOMB protocol
- 34m
- After the extraction is done, collect Δ 50-100 μ L of the **eluted sample** as the DNA template for downstream experiments