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Water Filtration with Peristaltic Pump or Syringe & DNA Preservation

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1 Works for me dx.doi.org/10.17504/protocols.io.bhxyj7pw

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ABSTRACT

Cells, particulates, and fine sediment (i.e., clay) in water are retained on filters during filtration. Filtered water can be collected for geochemical analyses and nucleic acids (referred to as environmental DNA or eDNA) can be extracted from the filters. This protocol describes water filtration with a 0.22 mm Sterivex (Millipore) filter cartridge by using a peristaltic pump or manually with a syringe, and the preservation of filtered material collected on the filter membrane using CTAB.

ATTACHMENTS

UTK Engel SOP Water Filtration & Preservation of eDNA.pdf

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PROTOCOL CITATION

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field sampling, filtration, water, eDNA

IMAGE ATTRIBUTION

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