

Resource Summary Report

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Nucleic acids extraction from single cell using MasterPure Complete DNA purification (Epicenter)

DOI:10.17504/protocols.io.bekbjcsn

Type: Protocol

Proper Citation

Sarah Romac 2020. Nucleic acids extraction from single cell using MasterPure Complete DNA purification (Epicenter). protocols.io dx.doi.org/10.17504/protocols.io.bekbjcsn

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bekbjcsn>

Authors: Sarah Romac

Group: Ecology of Marine Plankton (ECOMAP) team - Roscoff

Summary: Radiolaria are protists which can't be cultivated. These microorganisms have to be isolated by single-cell for genetic identification and it can be difficult to get clean DNA. Here we optimized a DNA extraction protocol from protist single-cell. It works very well on single-cell Radiolaria, Foraminifers, but also Ciliates, Dinoflagellates, Diatoms.

Affiliations: UMR7144-Roscoff Marine Station

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