

Resource Summary Report

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Potential Rate Measurements for Uptake of Bicarbonate and Acetate by Microbes in Crustal Fluids

DOI:10.17504/protocols.io.iutcewn

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Proper Citation

Julie Huber, Caroline Fortunato 2017. Potential Rate Measurements for Uptake of Bicarbonate and Acetate by Microbes in Crustal Fluids. protocols.io
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Protocol Information

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

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Group: Center for Dark Energy Biosphere Investigations, Huber Lab

Summary: These were developed to measure potential microbial activity for uptake of acetate and bicarbonate by microbes in venting hydrothermal fluids. The protocol was designed for Axial Seamount diffusely venting fluids, but can be applied to other fluid systems (e.g. cold, oxic fluids, seawater, etc). Concentrations of label will depend on environment of interest.

Affiliations: WHOI, WHOI

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