

Resource Summary Report

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Artificial sea water

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Protocol Information

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Summary: Three alternative solutions for artificial seawater (ASW) have been tested successfully on our Botrylloides colonies. For routine work, we use commercial sea salts (CSS), for most analyses we use the Cold Spring Harbor Protocols (CSPH) and for very clean work the K-depleted Phosphate-buffered saline (K-PBS). While, CSPH and K-PBS can be prepared at 10X, CSS should be prepared at 2X directly. Mix to dissolve and adjust pH as well as salinity to your local conditions.

Affiliations: University of Fribourg

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