Resource Summary Report

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Two-step protocol: Preparation and extrusion of phospholipid liposomes

DOI:10.17504/protocols.io.zbef2je
Type: Protocol

Proper Citation

James Collins, James R. Collins, Krista Longnecker, Helen F. Fredricks, Benjamin A. S. Van Mooy 2019. Two-step protocol: Preparation and extrusion of phospholipid liposomes. protocols.io dx.doi.org/10.17504/protocols.io.zbef2je

Protocol Information

URL: https://dx.doi.org/10.17504/protocols.io.zbef2je

Authors: James Collins, James R. Collins, Krista Longnecker, Helen F. Fredricks, Benjamin A. S. Van Mooy

Group: Van Mooy Lab @ WHOI

Summary: The protocols in this collection were original created by Krista Longnecker and Jamie Collins for creating lipsomes to be used in lipid photo-oxidation experiments. The results of these experiments are detailed in:Collins, J. R, H. F. Fredricks, J. S. Bowman, C. P. Ward, C. Moreno, K. Longnecker, A. Marchetti, C. M. Hansel, H. W. Ducklow, and B. A. S. Van Mooy. 2018. The molecular products and biogeochemical significance of lipid photooxidation in West Antarctic surface waters. Geochimica et Cosmochimica Acta 232:244–264; doi:10.1016/j.gca.2018.04.030and in Chapter 4 of:Collins, J. R. 2017. The remineralization of marine organic matter by diverse biological and abiotic processes. Ph.D. thesis. Cambridge, Massachusetts: Massachusetts Institute of Technology, 300 pp; doi:10.1575/1912/8721

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