

Materials List for:

Large Volume (20L+) Filtration of Coastal Seawater Samples

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URL: <https://www.jove.com/video/1161>

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Materials

Name	Type	Company	Catalog Number	Comments
Peristaltic pump		Masterflex (Cole Palmer)	77913-20, 77200-62, 77200-04	
Tygon LFL tubing		Masterflex (Cole Palmer)	06429-24	For filtration apparatus
Hose clamps		Cole-Parmer	0683204	For filtration apparatus
1/4" x 3/16" pipe adaptors		Cole-Parmer	31702-20	For filtration apparatus
Polypropylene prefilter housing		ADVANTEC	501200	For filtration apparatus
Metal luer fitting (Hose end to Male luer lock)		Cole-Parmer	31507-27	For filtration apparatus
2" Magnets				For filtration apparatus
3 port carboy caps				For filtration apparatus
GV 0.22 µm STERIVIX filters		EMD Millipore	SVG01R5	
47 mm diameter 2.7 µm GF/D filters		Whatman, GE Healthcare	1823047	
Lysis buffer	Reagent			0.75 M sucrose, 40 mM EDTA, 50 mM Tris (pH 8.3)
0.1 % HCl	Reagent			For post-filtration rinse
Autoclaved water	Reagent			For post-filtration rinse