

Materials List for:

Small Volume (1-3L) Filtration of Coastal Seawater Samples

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Materials

Name	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	SVGV01R5	
47 mm diameter 2.7 µm GF/D filters	Whatman, GE Healthcare	1823047	
Lysis buffer			0.75 M sucrose, 40 mM EDTA, 50 mM Tris (pH 8.3)
0.1 % HCl			For post-filtration rinse
Autoclaved water			For post-filtration rinse