

Materials List for:

VacuSIP, an Improved InEx Method for *In Situ* Measurement of Particulate and Dissolved Compounds Processed by Active Suspension Feeders

Teresa Morganti^{1,2}, Gitai Yahel³, Marta Ribes², Rafel Coma¹

¹Department of Marine Ecology, Centre d'Estudis Avançats de Blanes (CEAB-CSIC)

²Department of Marine Biology and Oceanography, Institut de Ciències del Mar (ICM-CSIC)

³The School of Marine Science, Ruppin Academic Center

Correspondence to: Teresa Morganti at tmorganti@icm.csic.es, Gitai Yahel at Yahel@Ruppin.ac.il

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Materials

Name	Company	Catalog Number	Comments
GorillaPod, Original	Joby	GP000001	flexible portable tripod
Flangeless Ferrule	IDEX Health & Science	P-200X	1/16" in Blue/pk
Male Nut	IDEX Health & Science	P-205X	1/16" in Green/10 pk
Female to Female Luer	IDEX Health & Science	P-658	
Female-Male Luer	IDEX Health & Science	P-655	
Peek Tubing (254 µm ID)	IDEX Health & Science	1531	1/16" OD x 0.01 in ID x 5 ft length. Alternative ID can be used.
Two component resin epoxy	IVEGOR	9257	Mix well the two component resin before use
(TOC) EPA Vials	Cole -Parmer	03756-20	40 ml glass vials. Manufactured also by Thomas Scientific (ref. number 9711F09).
HDPE Vials	Wheaton	986701 (E78620)	20 ml high-density polyethylene vials
Vacurette Z no additive	Greiner bio-one	455001	pre-vacuum by the manufacturer
Septum Sample Bottles	Thomas Scientific	1755C01	250 ml glass bottles
Septum Cap 1	Wheaton	W240844SP (E7865R)	22-400 for HDPE vials
Septum Cap 2	Wheaton	W240846 (1078-5553)	24-400 for glass vials and bottles. Also manufactured by Thermo Scientific National (ref. 03-377-42).
In-line stainless steel Swinney Filter holders	Pall	516-9067	13 mm of diameter
PTFE Seal Washer	Pall	516-8064	ring for stainless steel filter holders
TCLP Glass Filters	Pall	516-9126	binder-free glass fiber filters, 13 mm of diameter, pore size 0.7 µm
Polycarbonate Filter Holders	Cole -Parmer	17295	13 mm of diameter
Isopore Membrane Filters	Millipore	GTTP01300	13 mm of diameter, pore size 0.2 µm
Contrad 70 Solution	Decon Labs	1002	highly soluble basic mix of anionic and non-ionic surfactant solution
Sterile Syringe Filters	VWR International Eurolab S.L.	514-0061P	25 mm of diameter , pore size 0.2 µm
Fluorescein	Sigma-Aldrich	(old ref.28802) 46955-100G	100 g
Holdex, disposable,sterile	Greiner bio-one	450263	sterile, single-use tube holder with off-center luer for Vacurette
Sterile Needles	IcoGammaPlus	5160	0.7 mm x 30 mm

Cryovials Nalgene	Nalgene	V5007(Cat. No.5000-0020)	2 ml
Cryobox carton	Rubilabor	M-600	145x145x55 mm p/microtube 1.5 ml
Orthophosphoric Acid	Sigma	79617 or Alternatively use Ultra-Pure Hydrochloric acid, final concentration 0.1%	
Paraformaldehyde	Sigma	P6148	500 g
Glutaraldehyde	Merck	8,206,031,000	25%, 1 L
Hand Vacuum Pump	Bürkle	5620-2181 or Alternatively use standard laboratory vacuum pump	