

Materials List for:

Use of a Filter Cartridge for Filtration of Water Samples and Extraction of Environmental DNA

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Materials

Name	Company	Catalog Number	Comments
Mesh panel	Iris Ohyama	MPP-3060-BE	
Metal prong	Iris Ohyama	MR12F	
Stand for the mesh panel	No brand	4184-9507	available from Amazon Japan
1 L plastic bag with screw cap	Yanagi	DP16-TN1000	
Male luer-lock connector	ISIS	11620	
10 ml pipette tip	Eppendorf	0030 000.765	
10 L book bottle with valve	As One	1-2169-01	
Sterivex-HV filter	Millipore	SVHVL10RC	denoted as "filter cartridge" throughout the ms and used in the protocol
Male luer fitting	As One	1-7379-04	
Female luer fitting	As One	5-1043-14	
Inlet luer cap	ISIS	VRMP6	
Outlet luer cap	ISIS	VRFP6	
High vacuum tubing	As One	6-590-01	
Vacuum connector	As One	6-663-02	
Silicone stopper	As One	1-7650-07	
Manifold	As One	2-258-01	
Aspirator-GAS-1	As One	1-7483-21	
DNeasy Blood & Tissue Kit (250)	Qiagen	69506	
PowerWater Sterivex DNA Isolation Kit	MO BIO	14600-50-NF	denoted as "optional kit" in the ms
Tabletop Centrifuge	Kubota	Model 4000	Maximum speed 6,000 rpm
Fixed-angle rotor	Kubota	AT-508C	
Adaptor for a 15 ml conical tube	Kubota	055-1280	
RNAlater Stabilization Solution	Thermo Fisher Scientific	AM7020	
	Parafilm	PM992	denoted as "self-sealing film"