

Materials List for:

# Cost-effective Method for Microbial Source Tracking Using Specific Human and Animal Viruses

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## Materials

Name	Company	Catalog Number	Comments
High speed centrifuge (8,000xg)	Berckman Coulter	Avanti J-20XP	
pH-meter, thermometer and conductimeter	Afora	LPPC3003	
Plastic tubes 100-200 cm length	Deltalab	350059	
Sterile graduated disposable pipettes	Labclinics	PN10E1	
Sterile plastic tubes of 1.5 and 10-15 mL (Eppendorf, Falcons, etc.)	Afora	KA298/00	
Centrifuge pots (500 mL)	Fisher Scientific	SE5753512	
Magnetic stirrers and magnets (one per sample)	Fisher Scientific	10510	
Glass or plastic containers having flat bottoms to allow the use of magnetic stirrers	Deltalab	191642	
A peristaltic pump for removing the supernatant (or a water-jet vacuum pump)	Watson-Marlow Pumps Group	323E/D	
Timer to switch-off the stirring after 8-10 hours	Deltalab	900400	
Hydrochloric acid (1N and 0.1N)	Panreac	141020.1611	
Sodium hydroxide (1N)	Panreac	131687.1211	
Artificial seawater sea salts	Sigma-Aldrich	S9883	
Skimmed milk (SM)	Difco Laboratories	232100	
Phosphate buffer pH 7,5			1:2 v/v of sterile Na <sub>2</sub> HPO <sub>4</sub> 0,2M and NaH <sub>2</sub> PO <sub>4</sub> 0,2M at pH 7.5
Thiosulphate	Panreac	121879.1209	Make a 10% solution in water
QIAamp Viral RNA Mini Kit	Qiagen	52904	
96-well optical reaction plate (500 units)	Applied Biosystems	43426659	
Optical adhesive covers (100 units)	Applied Biosystems	4311971	
TaqMan Environmental PCR Master Mix 2x	Applied Biosystems	4396838	