

Materials List for:

EPA Method 1615. Measurement of Enterovirus and Norovirus Occurrence in Water by Culture and RT-qPCR. I. Collection of Virus Samples

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Materials

Name	Company	Catalog Number	Comments
1-L polypropylene bottle	Nalgene	2104-0032	
Aluminum foil squares	Cole-Parmer	06275-40	
Autoclave	Steris	Amsco Lab Series	
Bubble wrap	U.S. Plastics	50776	
Closable bag	Uline	S-12283	
Closable bag	Fisher Scientific	S31798C	
Commercial ice packs	Cole-Parmer	06345-20	
Cool safe box	Diversified Biotech	CSF-BOX	
Gauze sponge	Fisher Scientific	22-415-469	
Graduated cylinder	Cole-Parmer	06135-90	4-L or larger
Hype Wipe	Fisher Scientific	14-412-56	
iButtons temperature data logger	Maxim	DS1921G	
Insulated storage and transport chest	Fisher Scientific	11-676-12	
Packing tape	U.S. Plastics	50083	
Portable chlorine colorimeter II test kit	Hach	5870062	
Portable pH and temperature probe	Omega	PHH-830	
Portable turbidity meter	Omega	TRB-2020-E	
PTFE thread tape	Cole-Parmer	08270-34	Use on all threaded connections
Pump, Centrifugal Magnetic Drive	Cole-Parmer	72010-20	
Reduction nipple	Cole-Parmer	06349-87	
Sodium hypochlorite (NaClO)			Use locally available household bleach
Sodium thiosulfate (Na ₂ S ₂ O ₃)	Sigma Aldrich	217247	
Surgical gloves	Fisher Scientific	19-058-800	
Waterproof marker	Fisher Scientific	22-290546	
Media	Composition		
0.525% sodium hypochlorite (NaClO)	Prepare a 0.525% NaClO solution by diluting household bleach 1:10 in dH ₂ O. Store 0.525% NaClO solutions for up to 1 week at room temperature.		

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1 M sodium thiosulfate ($\text{Na}_2\text{S}_2\text{O}_3$) pentahydrate	Prepare a 1 M solution by dissolving 248.2 g of $\text{Na}_2\text{S}_2\text{O}_3$ in 1 L of dH_2O . Store sodium thiosulfate for up to 6 months at room temperature.		
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