Materials List for:

A Method to Test the Efficacy of Handwashing for the Removal of Emerging Infectious Pathogens

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Materials

Name	Company	Catalog Number	Comments
Soap bar	Dove	White Beauty Bar soap	
Alcohol-based hand sanitizer	Purell	Advanced Instant Hand Sanitizer with 70% Ethyl Alcohol	
HTH Powder	Acros Organics	300340010	
NaDCC Powder	Medentech	Klorsept granules	
NaOCl Solution	Acros Organics	419550010	
Electrochlorinator	AquaChlor		
Iodometric titrator	Hach	1690001	
Bovine serum albumin	MP Biomedicals	NC0117242	
Tryptone	Fisher	BP1421-100	
Bovine Mucin	EMD Milipore	49-964-3500MG	
0.22 µm Filter	EMD Milipore	GVWP04700	
NaCl	Fisher	BP358-1	
Skin pH probe	Hanna Instruments	H199181	
Large Whirlpak Sample Bag	Nasco	B01447WA	
Small Whirlpak Sample Bag	Nasco	B01323WA	
Funnel bottle	Thermo Scientific	3120850001	You may drill an appropriately sized hole in the lid of a bottle to form a funnel that will dispense water at the appropriate flow rate
Ethanol	ThermoScientific	615090010	Mix with water to produce 70% ethanol
Spray bottle	Qorpak	PLC06934	
E. coli	ATCC	25922	
LB Broth	Fisher BioReagents	BP1426-2	
LB Agar	Fisher BioReagents	BP1425-500	
Sterile loop	Globe Scientific	22-170-204	
Phi6	HER	102	
Nutrient broth	BD Difco	BD 247110	
GeneQuant 100 Spectrophotometer	General Electric	28-9182-04	
Sodium thiosulfate	Fisher Chemical	S445-3	
Membrane filter (47 mm, 0.45 µm)	EMD Millipore	HAWP04700	
m-ColiBlue24 broth media	EMD Millipore	M00PMCB24	
Petri dish with pad (47 mm)	Fisherbrand	09-720-500	
Vacuum Manifold	Thermo Scientific/Nalgene	09-752-5	

Filter funnels	Thermo Scientific/Nalgene	09-747	
Pseudomonas syringae	HER	1102	
Phosphate Buffered Saline	Thermo Scientific	10010031	Solution may also be mixed from source compounds according to any basic recipe