

Materials List for:

Counting Colony Forming Units (CFUs): Quantifying Bacteria from Fly Bodies

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URL: <https://www.jove.com/video/20120>

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Materials

Name	Company	Catalog Number	Comments
Brewer's Yeast	MP Biomedicals, LLC.	903312	
Glucose	Sigma Aldrich	158968-3KG	
Agar	Fisher--Lab Scientific	fly802010	
Welch's 100% Grape Juice Concentrate	Walmart or other grocery store	9116196	
Cage: 32 oz. Translucent Round Deli Container	Webstaurant Store	999L5032Y	
Translucent Round Deli Container Lid	Webstaurant Store	999YNL500	
Stock Bottles	Genesee Scientific	32-130	
Droso-Plugs	Genesee Scientific	49-101	
Nylon Mesh	Genesee Scientific	57-102	
Plastic Bushing	Home Depot	100404002	
Plastic Bushing Cap	Home Depot	100153897	
Specimen Cup	MedSupply Partners	K01-207067	
Repeater M4	Eppendorf	4982000322	
50 ml Centrifuge Tubes	TrueLine Centrifuge Tubes	TR2003	
Food Boxes	USA Scientific	2316-5001	
Lysing Matrix D Bulk	MP Biomedicals, LLC.	116540434	
Filter Pipette Tips, 300 µl	USA Scientific	1120-9810	
Petri Dishes	Laboratory Product Sales	M089303	
Ethanol	Decon Laboratories, INC.	2701	
Paintbrush	Walmart	5133	
Forceps	Fisher	08-882	
Household Bleach (6-8% Hypochlorite)	Walmart	550646751	
Universal Peptone	Genesee Scientific	20-260	
Yeast Extract	Fisher Scientific	BP1422-500	
Dipotassium Phosphate	Sigma Aldrich	P3786-1KG	
Ammonium Citrate	Sigma Aldrich	25102-500g	
Sodium Acetate	VWR	97061-994	
Magnesium Sulfate	Fisher Scientific	M63-500	
Manganese Sulfate	Sigma Aldrich	10034-96-5	
MRS Powder	Sigma Aldrich	69966-500G	
96 Well Plate Reader	BioTek (Epoch)	NA	
1.7 ml Centrifuge Tubes	USA Scientific	1615-5500	
Filter Pipette Tips, 1,000 µl	USA Scientific	1122-1830	
96 Well Plates	Greiner Bio-One	655101	

Ceramic Beads	MP Biomedicals, LLC.	6540-434	
Tissue Homogenizer	MP Biomedicals, LLC.	116004500	
Class 1 BioSafety Cabinet	Thermo Scientific	Model 1395	