

Materials List for:

A Phenotyping Regimen for Genetically Modified Mice Used to Study Genes Implicated in Human Diseases of Aging

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Materials

Name	Company	Catalog Number	Comments
Ethanol	Decon (Fisher Scientific)	435541	
50 ml conical tube	Fisher Scientific	1443222	
cotton balls	Walmart		
heat mat	Sunbeam	0000756-500-000	
Holding tray (ice cube tray)	Walmart		
Electronic stopwatch	GOGO	PC396	
Plexiglass box	constructed in workshop		12" by 12"
Vixia HF R400 Camcorder	Canon	8155B004	
9 oz Clear Cups	Walmart		
1/4 inch wire mesh	Home Depot	204331884 (online) / 554219 (in store)	12" by 12"
Bubble wrap	VWR	470092-416	
Straight specimen forceps	VWR	82027-438	
Fine-tip dissecting forceps	VWR	82027-408	
Fine scissors	VWR	82027-578	
Paraformaldehyde 16% solution	Electron Microscopy Sciences	15710	
10x phosphate buffered saline pH 7.4	American Bioanalytical	AB11072-04000	
Sucrose	JT Baker	4072-01	
superfrost slides	Fisher Scientific	12-550-15	
Hematoxylin Stain Solution	Fisher Scientific (Ricca)	353016	
Eosin Y Stain Solution	Fisher Scientific (Ricca)	2845-32	
Tris hydrochloride	Sigma	T3253	
Tris	American Bioanalytical	AB02000-01000	
Nicotinamide adenine dinucleotide, reduced disodium salt hydrate	Sigma	N8129	
Nitrotetrazolium Blue chloride	Sigma	N6876	
Acetone	JT Baker	9006-05	
Sodium phosphate monobasic monohydrate	Sigma	S9638	
Sodium phosphate dibasic heptahydrate	Sigma	S9390	
Sodium succinate dibasic hexahydrate	Sigma	S2378	

VectaMount aqueous mounting medium	Vector Labs	H-5501-60	
Cover glass	Fisher Scientific	12-545-M	60 mm x 24 mm
Axiomager A1 microscope	Zeiss		
Video camera tripod	Amazon		
Optimal Cutting Temperature (OCT)	Fischer Scientific	23730571	
Cryostat Sectioning Machine	Leica	CM1900	Discontinued but since replaced by CM1950