

Materials List for:

Semi-automated Analysis of Mouse Skeletal Muscle Morphology and Fiber-type Composition

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Materials

Name	Company	Catalog Number	Comments
Bovine Serum Albumin	Sigma Aldrich	A9418-100G	5% in PBS
Hydrophobic Barrier Pap Pen	Scientific Device Laboratory	9804-02	
Microscope Slides	Globe Scientific	1358W	
Coverglass	Fisher Scientific	12-544-E	
Immunount	Thermo Scientific	9990402	
Nail Polish	L'Oreal		
Nikon Eclipse TE-200 Inverted Fluorescence and Brightfield Microscope		Discontinued	
SPOT RT/KE	SPOT Imaging Solutions	RT940	
Dell Optiplex			
BA-F8 Primary Antibody	Developmental Studies Hybridoma Bank at the University of Iowa		monoclonal mouse IgG2b; 1:50
SC-71 Primary Antibody	Developmental Studies Hybridoma Bank at the University of Iowa		monoclonal mouse IgG1; 1:50
BF-F3 Primary Antibody	Developmental Studies Hybridoma Bank at the University of Iowa		monoclonal mouse IgGM; 1:50
6H1 Primary Antibody	Developmental Studies Hybridoma Bank at the University of Iowa		monoclonal mouse IgGM; 1:50
Alexa Fluor 594 anti-IgG2b	Invitrogen	A21145	goat anti-mouse; 1:200
Alexa Fluor 488 anti-IgG1	Invitrogen	A21121	goat anti-mouse;1:200
Alexa Fluor 594 anti-IgGM	Invitrogen	A21044	goat anti-mouse;1:200
OCT	Sakura Finetek	4583	
isopentane	Fisher Scientific	O3551-4	cool with liquid nitrogen
PBS	Fisher Bioreagents	BP665-1	10x, dilute to 1x
Kim wipes	Kimberly-Clark	06-666A	