

Materials List for:

Analyzing the Functions of Mast Cells *In Vivo* Using 'Mast Cell Knock-in' Mice

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Materials

Name	Company	Catalog Number	Comments
1% Antibiotic-Antimycotic Solution	Corning cellgro	30-004-CI	
3 ml Syringe	Falcon	309656	
35 mm x 10 mm Dish	Corning cellgro	430588	
5 ml Polystyrene Round Bottom Tube	Falcon	352058	
Acetic Acid Glacial	Fisher Scientific	A35-500	
Alcian Blue 8GX	Rowley Biochemical Danver	33864-99-2	
Allegra 6R Centrifuge	Beckman		
Anti-mouse CD16/32 (clone 93) Purified	eBioscience	14-0161-81	
2-Mercaptoethanol	Sigma Aldrich	M7522	
BD 1 ml TB Syringe	BD Syringe	309659	
BD 22 G x 1 (0.7 mm x 25 mm) Needles	BD Precision Glide Needle	205155	
BD 25 G 5/8 Needles	BD Syringe	305122	
BD 30 G x 1/2 Needles	BD Precision Glide	305106	
Blue MAX Jr, 15 ml Polypropylene Conical Tube	Falcon	352097	
Chloroform	Fisher Scientific	C298-500	
Cytoseal 60 Mounting Medium	Richard-Allan Scientific	8310-4	
Cytospin3	Shandon	NA	
DakoCytomation pen	Dako	S2002	
Dulbecco Modified Eagle Medium (DMEM) 1x	Corning cellgro	15-013-CM	
Ethanol	Sigma Aldrich	E 7023-500ml	
Fetal Bovine Serum Heat Inactivated	Sigma Aldrich	F4135-500ml	
FITC Conjugated IgG2b K Rat Isotype Control	eBioscience	14-4031-82	
Fluorescein Isotiocyanate (FITC) Conjugated Anti-mouse KIT (CD117; clone 2B8)	eBioscience	11-1171-82	
Formaldehyde	Fisher Scientific	F79-500	
Giemsa Stain Modified	Sigma Aldrich	GS-1L	
Isothesia	Henry Schein Animal Health	29405	
May-Grunwald Stain	Sigma Aldrich	MG-1L	
Multiwell 6 well plates	Falcon	35 3046	

Olympus BX60 Microscope	Olympus	NA	
Paraplast Plus Tissue Embedding Medium	Fisher Brand	23-021-400	
PE Conjugated IgG Armenian Hamster Isotype Control	eBioscience	12-4888-81	
Phosphate-Buffered-Saline (PBS) 1x	Corning cellgro	21-040-CV	
Phycoerythrin (PE) Conjugated Anti-mouse FcεR1a (clone MAR-1)	eBioscience	12-5898-82	
Propidium Iodide Staining Solution	eBioscience	00-6990-50	
Recombinant Mouse IL-3	Peprtech	213-13	
Safranin-o Certified	Sigma Aldrich	S8884	
Tissue culture flasks T25 25 cm ²	Beckton Dickinson	353109	
Tissue culture flasks T75 75 cm ²	Beckton Dickinson	353110	
Toluidine Blue 1% Aqueous	LabChem-Inc	LC26165-2	
Recombinant Mouse SCF	Peprtech	250-03	