

Materials List for:

# Femoral Bone Marrow Aspiration in Live Mice

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## Materials

Name	Company	Catalog Number	Comments
PBS	PAA	H15-002	
Bovine serum albumin	PAA	K41-001	
ACK lysis buffer	Homemade		in 1 L. Adjust pH 7.2 ~ 7.4 and filter sterile with 0.22 µm vacuum filter.
8.3 g Ammonium chloride	Fisher Scientific	A661-500	
1 g Potassium bicarbonate	Fisher Scientific	P184-500	
200 µl 0.5 M EDTA pH 8	Gibco	15575-038	
RPMI 1640	PAA	E15-842	
0.5 ml Tuberculin syringe 27.5 G	Becton Dickinson	305620	
Sterile cell strainer 70 µm	Fisher Scientific	22363548	
Isoflurane, USP	Attane	NDC:66794-014-25	
Blunt-end needle	Stemcell Technologies	28110	
PrecisionGlide needle 23 G	Becton Dickinson	305193	
3 ml Syringe Luer-Lok tip	Becton Dickinson	309657	
Non-tissue culture treated plate, 6 Well	Becton Dickinson	351146	
12 x 75 mm 5 ml tubes	Becton Dickinson	352054	FACS staining
12 x 75 mm 5 ml tubes with cell-strainer cap	Becton Dickinson	352235	FACS staining
NK1.1 APC-Cy7	Biolegend	108723	
CD11b APC-Cy7	Biolegend	101225	
CD45R (B220) APC-Cy7	Biolegend	103223	
CD3 APC-Cy7	Biolegend	100222	
Ly-6G and Ly-6C (Gr-1) APC-Cy7	Biolegend	108423	
Ter119 APC-Cy7	Biolegend	116223	
CD19 APC-Cy7	Biolegend	302217	
CD4 APC-Cy7	BioLegend	317417	
CD117 (c-KIT) PE	BioLegend	105808	
Ly-6A/E (Sca-1) PE-Cy7	Biolegend	122513	
CD34 APC	Biolegend	128612	
CD16/32 e450	eBioscience	48-0161-82	
DAPI (4',6-Diamidino-2-phenylindole dihydrochloride)	Sigma-Aldrich	32670	
MethoCult GF M3434	STEMCELLTECHNOLOGIES	3434	For methocellulose culture
Carprofen	Crescent Chemical Company	C11045850	1 dose (5mg/kg)
Flow cytometer, LSRFortessa	Becton Dickinson		

Puralube vet ointment (sterile petrolatum ophthalmic ointment)	Dechra-US	17033-211-38	
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