

Materials List for:

Isolation and Identification of Extravascular Immune Cells of the Heart

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Materials

Name	Company	Catalog Number	Comments
Phosphate buffered saline	Wisent	311-010-CL	1x PBS
21 G x 1 1/2 (0.8 mm x 40 mm) PrecisionGlide Needle	BD	305167	
Hank's Balanced Salt Solution	Wisent	311-511-CL	1x HBSS
Bovine serum albumin	Sigma-Aldrich	A4503-50G	
Bovine serum	Sigma	B9433	
0.5 M Ethylenediaminetetraacetic acid	BioShop	EDT111	
Vacuum filter , 0.2 µm Filtropur V50	Sarstedt	83.1823.001	
28 G 1/2 1 cc insulin syringe	BD	329424	
60 mL syringe	BD	309653	
Dulbecco's Modified Eagle Medium	Wisent	319-005-CL	1x DMEM with 4.5 g/L glucose and L-Glutamine and Sodium Pyruvate
Collagenase I	Sigma	C0130	from Clostridium histolyticum
Hyaluronidase type I-S	Sigma	H3506	
DNase-I	Sigma	D4513	from bovine pancreas
Cell strainer, 40 µm Nylon	Falcon	352340	
Ammonium-Chloride- Potassium (ACK) lysis buffer	Lonza	10-546E	
Alexa Fluor 700 anti-mouse/human CD11b	Biolegend	101222	1:250 dilution
APC/Cy7 anti-mouse Ly-6c	Biolegend	128025	1:250 dilution
APC anti-mouse CD103	Biolegend	121414	1:250 dilution
Brilliant Violet 605 anti-mouse CD11c	Biolegend	117334	1:250 dilution
PE anti-mouse Ly-6G	Biolegend	127607	1:250 dilution
Pacific Blue anti-mouse I-Ab	Biolegend	116422	1:250 dilution
FITC anti-mouse CD64 (FcγRI)	Biolegend	139315	1:250 dilution
PE/Cy7 anti-mouse CD45	Biolegend	103113	1:250 dilution
PerCP/Cy5.5 anti-mouse CD45	Biolegend	103132	1:40 dilution
TruStain fcX (anti-mouse CD16/32)	Biolegend	101320	1:100 dilution
True-Stain Monocyte Blocker	Biolegend	426101	1:20 dilution
FlowJo V10	TreeStar Inc		https://www.flowjo.com/solutions/flowjo

Mouse: Batf3-/-	The Jackson Laboratory	JAX: 013755	
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