

Materials List for:

Generation of Lymph Node-fat Pad Chimeras for the Study of Lymph Node Stromal Cell Origin

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Materials

Name	Company	Catalog Number	Comments
2-Mercaptoethanol	Sigma	M3148	
50 mm Sterilin Petri Dish	Appleton Woods	SC265	
90 mm Sterilin Petri Dish	Appleton Woods	SC260	
Adhesive slides	Surgipath	00202	
Anti-mouse CD31 eFluor 450	eBioscience	48-0311	
Anti-mouse CD4 Alexa 647	eBioscience	51-0041	
Anti-mouse CD45 PerCP-Cy5.5	eBioscience	45-0451	
Anti-mouse IgM Rhodamine Red	Strattech	715-296-020-JIR	
Anti-mouse Podoplanin PE/Cy7	Biolegend	127411	
Anti-mouse Podoplanin purified	eBioscience	14-5381	
Collagenase D	Roche	11088858001	
DMEM Medium	Sigma	D5671	
DNase I	Sigma	DN25-1G	
Dumont #5 Forceps Inox Biologie	FST	11252-20	Extra fine forceps for embryonic and newborn dissections
EDTA solution 0.5 M	Sigma	E7889	
ERTR-7	Biogenesis		
Fetal bovine serum	Sigma	F9665	
Hardened fine iris scissors straight 11 cm	FST	14090-11	Small scissors for dissection
HEPES solution	Sigma	H0887	
Isopore Membrane Filters 0.8 µm ATTP	Millipore	ATTPO 1300	
L-Glutamine solution	Sigma	G7513	
MEM Nonessential Amino Acid Solution (100x)	Sigma	M7145	
O.C.T. Compound	Tissue-Tek	4583	
Penicillin-Streptomycin	Sigma	P4458	
Plastic box with lid	Watkins and Doncaster	E6052	Sandwich box for <i>in vitro</i> organ culture. Drill two holes in the lid to allow gas exchange in the CO ₂ incubator.
RPMI 1640 Medium	Sigma	R0883	
Sponges Vulkan Underwrap	Patterson Medical	004383	
Stereomicroscope	Leica	LEICA MZ95	Dissecting microscope with zoom

Thermomixer	Eppendorf	5436	
Vectashield Mounting Medium with DAPI	Vector Laboratories	H-1200	