

Materials List for:

Characterization of Thymic Settling Progenitors in the Mouse Embryo Using *In Vivo* and *In Vitro* Assays

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Materials

Name	Company	Catalog Number	Comments
90 x 15 mm and 35 x 15 mm plastic tissue culture Petri dishes.	TPP	T93100/T9340	Sampling
26 G 3/4" 0.45 x 10 mm syringes with needles	BD Plastipak	300015	Cell suspension
Nylon mesh bolting cloth sterilized 50/50 mm pieces.	SEFAR NITEX	03-100/32	Filtration of cells
Ethanol 70%.	VWR	83801.36	Sterility actions
Iodide Povidone 10% (Betadine)	MEDA Pharma	314997.8	Sterility actions
Ketamine 100 mg/ml (stock solution)	MERIAL		Anesthetic
Xylazine 100 mg/ml in PBS (stock solution)	Sigma	X1251-1G	Anesthetic and muscle relaxant
Buprenorphin 0.3 mg/ml stock solution	AXIENCE		Morphinic analgesic
Ophthalmic gel (0.2% cyclosporin)	Schering-Plough Animal Health		Eye protection
DPBS (+ CaCl ₂ , MgCl ₂)	GIBCO Life Technology	14040-174	to isolate embryos
HBSS Hanks' Balanced Salt Solution (+ CaCl ₂ , MgCl ₂)	GIBCO Life Technology	24020-091	to wash out the blood and dissect the embryos
OPTI-MEM I GlutaMAX I	GIBCO Life Technology	51985-026	Medium for cultures
Fetal calf serum	EUROBIO	CVFSVF00-0U	additive for cultures
Penicilin and streptomycin	GIBCO Life Technology	15640-055	Antibiotics for cultures
2-Mercaptoethanol	GIBCO Life Technology	31350010	additive for cultures
LEICA MZ6 Dissection microscope	LEICA	MZ6 10445111	Occular W-PI10x/23
Cold lamp source	SCHOTT VWR	KL1500 compact	Two goose neck fibers adapted
Silicone elastomer	World Precision Instruments	SYLG184	Dissecting Pad
Spoon, round and perforated	Fine Science Tools	10370-18	Dissection tools
Fine iris scissors	Fine Science Tools	14090-09	Dissection tools
Vannas spring scissors	Fine Science Tools	15018-10	Dissection tools
Forceps: Dumont #5/45 Inox 11 cm	F.S.T.	11253-25	Dissection tools
2 pairs of fine straight watchmakers' forceps Dumont #5 11 cm fine tips.	Fine Science Tools	11295-20	Dissection tools
Polyamid thread with needle 6-0 C-3 3/8c	ETHICON	F2403	for sutures
Needle-holder	MORIA/F.S.T.	12060-02	for sutures

Heating pad	VWR	100229-100	To maintain mouse temperature during anesthesia
Membrane Isopore RTTPO2500	DUTSCHER	44210	For FTOC
Terasaki 60 wells plates	FISHER	1x270 10318801	For hanging drop technique
Gauze swabs steriles 7.5 x 7.5 cm	Hydrex	11522	To apply disinfecting solution
Fluorescence or biotin labelled antibodies	BD Biosciences, Biolegend or e-Biosciences	Clone Number see table below	Staining cells
MACS Columns/Streptavidin Microbeads	Miltenyi Biotec	130-042-401/130-048-101	Cell depletion
Mice	Charles Rivers Laboratories (CD45.1) and Janvier Labs (CD45.2)	C57BL/6 CD45.1 OR CD45.2	Source of cells and thymic lobes
Mice	CDTA Orléans, France	CD 3 epsilon Ko CD45.2	Grafting experiment