

Materials List for:

# Blocking Lymph Flow by Suturing Afferent Lymphatic Vessels in Mice

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## Materials

Name	Company	Catalog Number	Comments
0.9% Sodium Chloride Saline	Baxter	JB1323	
100% ethanol	Greenfield Global		University of Calgary distribution services UN1170.
Depilatory cream	Nair		Nair Sensitive Formula Hair Removal Crème with Sweet Almond Oil and Baby Oil, 200-ml. Or similar product.
Evans Blue dye	Sigma Life Science	E2129-10G	For 1 ml of Evans blue dye, add 0.1g Evans blue to 10 ml PBS. The Evans Blue solution will be filtered through 0.22 mm filters and kept sterile in 1ml aliquots.
Fluorescein isothiocyanate isomer I (FITC)	Sigma Life Science	F7250-1G	
Forceps Dumont #3	WPI	500337	
Forceps Dumont #5	WPI	500233	
Injection apparatus			Connect one end of polyethylene tubing to 30G × ½ needle. Attach a 1ml TB syringe to the needle. Dislodge needle shaft from another 30G × ½ needle. Insert the blunt end of the 30G × ½ needle shaft into the other end of the tubing. The inside diameter of this tubing is 0.28mm. Thus, 1.6 cm of fluid in the tubing is 1 µl.
Insulin syringe	Becton Dickinson and Company (BD)	329461	
IRIS Forcep straight	WPI	15914	
IRIS scissors	WPI	14218-G	
Ketamine	Narketan	DIN 02374994	The suppliers of Ketamine and Xylazine are usually under institutional and governmental regulation.
Needles (26Gx3/8)	Becton Dickinson and Company (BD)	305110	
Needles (30Gx1/2)	Becton Dickinson and Company (BD)	305106	
Paton Needle Holder	ROBOZ	RS6403	Straight, Without Lock; Serrated
Phosphate-Buffered Saline (PBS)	Sigma Life Science	P4417-100TAB	

<b>Polyethylene tubing</b>	Becton Dickinson and Company (BD)	427401	
<b>Surgical tape (1.25cmx9.1m )</b>	Transpore	1527-0	
<b>Surgical tape (2.5cmx9.1m )</b>	Transpore	1527-1	
<b>Suture</b>	Davis and Geck CYANAMID Canada	11/04	0.7 metric monofilament polypropylene
<b>Syringe (1ml)</b>	Becton Dickinson and Company (BD)	309659	
<b>VANNAS scissors</b>	World Precision Instruments (WPI)	14122-G	
<b>Xylazine</b>	Rompun	DIN02169606	The suppliers of Ketamine and Xylazine are usually under institutional and governmental regulation.
<b>Equipment</b>			
<b>Dissecting microscope</b>	Olympus		Olympus S261 (522-STs OH141791) with light source: Olympus Highlight 3100
<b>Confocal microscope</b>	Leica		SP8