

Materials List for:

# Mouse Kidney Transplantation: Models of Allograft Rejection

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## Materials

Name	Company	Catalog Number	Comments
Surgical Instruments			
Blunt Dissecting Scissors	Fine Science Tools	14072-10	For skin cutting
Curved Castoviejo scissors	Fine Science Tools	15017-10	For tissue cutting
Spring Scissors – straight	Fine Science Tools	15000-08	For suture cutting
Toothed forceps 1x2 teeth	Fine Science Tools	11021-12	
2 x Fine Tip forceps (Dumont No.5)	Fine Science Tools	11251-20	
Angled Fine Tip forceps (Dumont No. 5/45)	Fine Science Tools	11253-25	For blunt dissecting
Curved Fine Tip forcep (Dumont No.7)	Fine Science Tools	11273-22	Useful to pass around vessels
Curved Crile Haemostat	Fine Science Tools	1300-04	
Micro clip applicator with lock	Fine Science Tools	18056-14	
2 x Micro serrefines spring width 2mm, jaw length 4mm	Fine Science Tools	18055-04	Microvascular clamps
2 x Colibri 3cm wire retractor	Fine Science Tools	17000-03	
Castroviejo needle holder with lock	Fine Science Tools	120660-01	
Wound clip applicator	Fine Science Tools	12031-07	
7mm wound clips	Fine Science Tools	12032-07	Remove 7 to 10 days after surgery
Equipment			
OPMI pico microscope	Carl Zeiss	S100	
Thermal cautery unit with fine tip	Geiger	150A	
Heat electronic pad	Cozee Cumfort	n/a	
Euroklav 23-S	Melag	n/a	Autoclave
Disposable equipment			
7/O Silk braided suture	Pearsall	30514	
10/O Dafilon (polyamide) suture	B-Braun	G1118099	
6/O Vicryl (polygalactin)	Ethicon	W9537	
Regular bevel needle, 1 inch, 21G	Becton, Dickinson and Company	305175	For ureteric anastomosis
Regular bevel needle, 5/8 inch, 25G	Becton, Dickinson and Company	305122	
Regular bevel needle, 1/2 inch, 30G	Becton, Dickinson and Company	304000	
Insulin needle 1ml, 29G	Becton, Dickinson and Company	324827	
Insulin needle 0.3ml, 30G	Becton, Dickinson and Company	324826	
1 ml syringe slip tip	Becton, Dickinson and Company	300184	
5 ml syringe slip tip	Becton, Dickinson and Company	302187	

Wypall paper swabs	Kimberley-Clark	L40	sterilised by autoclave
Cotton wool buds	Johnson and Johnson	n/a	sterilised by autoclave
Plain drapes	Guardian	CB03	sterilised by autoclave
Cell culture dish 60mm x 15mm	Corning Incorporated	430166	
Dispensing Pin	B-Braun	DP3500L / 413501	Used with NaCl 0.9%
Re-agents and Drugs			
(Lacri-Lube) White soft paraffin 57.3%, mineral oil 42.5% and lanolin alcohols 0.2%	Allergan Ltd	21956GB10X	
(Videne) Povidone-iodine 10%	Ecolab Ltd	PL 04509/0041	
(Vetalar V) Ketamine hydrochloride	Pfizer Animal Health	Vm 42058/4165	100mg/ml solution (dose 200mg/kg)
(Domitor) Medetomidine hydrochloride	Orion Pharma	Vm 06043/4003	1mg/ml (dose 0.5mg/kg)
(Vetergesic) Bupernorphine hydrochloride	Alsto Animal Health	Vm 00063/4002	0.3mg/ml (dose 0.05mg/kg)
(Antisedan) Atipamezole hydrochloride	Orion Pharma	Vm 06043/4004	5mg/ml (dose 2mg/kg)
University of Wisconsin Solution	Belzer Bridge to Life	n/a	dose approximately 500 microlitres/mouse
NaCl 0.9%	Baxter	FKE1323	
Heparin Sulphate	non-proprietary	n/a	5000units/ml (dose 5units/mouse)