

Materials List for:

A Rabbit Model of Durable Transgene Expression in Jugular Vein to Common Carotid Artery Interposition Grafts

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Materials

Name	Company	Catalog Number	Comments
Disposables			
3mL syringe with 24G needle	Becton Dickinson	309571	2x for vein graft surgery; 2x for gene transfer surgery
1 mL syringe with 27G needle	Becton Dickinson	309623	2x for vein graft surgery, 5x for gene transfer surgery
19G needle	Becton Dickinson	305187	Gene transfer surgery
20 mL syringe, luer lock	Nipro Medical Corp	JD+20L	
Catheters, 24Ga x 3/4"	Terumo Medical Products	SROX2419V	
21G needle	Becton Dickinson	305165	Gene transfer surgery and for 20 mL syringe of saline
Gauze 4" x 4"	Dynarex	3242	~10-15 per surgery
3-0 silk suture	Covidien Ltd.	S-244	
5-0 silk suture	Covidien Ltd.	S-182	
7-0 polypropylene suture	CP Medical	8703P	Vein graft surgery
7-0 polypropylene suture	CP Medical	8648P	Gene transfer surgery
5-0 polyglycolic acid suture	CP Medical	421A	
3-0 polyglycolic acid suture	CP Medical	398A	
Alcohol swabs	Covidien Ltd.	6818	For the placement of I.V. line
Catheter plug	Vetoquinol	411498	
Ketamine HCl, 100 mg/mL	Vedco Inc.	5098916106	
Xylazine, 100 mg/mL	Akorn Inc.	4821	
Lidocaine, 20 mg/mL	Pfizer	409427702	
Marcaine 0.5%	Pfizer	409161050	
Beuthanasia D-Special	Intervet Inc.	NDC 00061047305	Harvest surgery only
Buprenorphine HCl, 0.3 mg/mL	Patterson Veterinary	12496075705	
Saline IV bag, 0.9% sodium chloride	Baxter	2B1309	
Heparin (5000 U/mL)	APP Pharmaceuticals	NDC 63323-047-10	
Papaverine (3.5 mg/ml)	American Reagent Inc.	NDC 0517-4002-25	Diluted from 30mg/mL stock; Use 1 mL maximum
Fentanyl patch, 25 mcg/h	Apotex Corp.	NDC 60505-7006-2	
Isoflurane	Multiple vendors	Catalog number not available	
Viral vector			Gene transfer surgery only
Surgical Instruments			

Metzenbaum needle holder 7" straight	Roboz	RS-7900	
Operating scissors 6.5" straight blunt/blunt	Roboz	RS-6828	
Needle holder /w suture scissors	Miltex	8-14-IMC	
Castroviejo scissors	Roboz	RS-5658	
Castroviejo needle holder, 5.75" straight with lock	Roboz	RS-6412	
Stevens scissors 4.25" curved blunt/blunt	Roboz	RS-5943	
Alm retractor 4" 4X4 5mm blunt prongs	Roboz	RS-6514	2x
Backhaus towel clamp 3.5"	Roboz		4x
Micro clip setting forceps 4.75"	Roboz	RS-6496	
Micro vascular clips, 11 mm	Roboz		
Surg-I-Loop	Scanlan International	1001-81M	5 cm length
Bonaccolto forceps, 4" (10 cm) long longitudinal serrations, cross serrated tip, 1.2mm tip width	Roboz	RS-5210	
Dumont #3 forceps Inox tip size .17 x .10 mm	Roboz	RS-5042	
Graefe forceps, 4" (10 cm) long serrated straight, 0.8 mm tip	Roboz	RS-5280	
Halstead mosquito forceps, 5" straight, 1.3 mm tips	Roboz	RS-7110	2x
Halstead mosquito forceps, 5" curved, 1.3mm tips	Roboz	RS-7111	
Jacobson mosquito forceps 5" curved extra delicate, 0.9 mm tips	Roboz	RS-7117	
Kantrowitz forceps, 7.25" 90 degree delicate, 1.7 mm tips	Roboz	RS-7305	
Tissue forceps 5", 1X2 teeth, 2 mm tip width	Roboz	RS-8162	
Allis-Baby forceps, 12 cm, 4x5 teeth, 3 mm tip width	Fine Science Tools	11092-12	2x
Adson forceps, 12 cm, serrated, straight	Fine Science Tools	11006-12	
Veterinary electrosurgery handpiece and electrode	MACAN Manufacturing	HPAC-1; R-F11	
Surgical Suite Equipment			
Circulating warm water blanket and pump	Multiple vendors	Catalog number not available	
Bair hugger warming unit	3M	Model 505	
IV infusion pump	Heska	Vet IV 2.2	
Isoflurane vaporizer and scavenger	Multiple vendors	Catalog number not available	
Veterinary multi-parameter monitor	Surgivet	Surgivet Advisor	
Veterinary electrosurgery unit	MACAN Manufacturing	MV-9	
Surgical microscope	D.F. Vasconcellos	M900	25X magnification for vein graft surgery; 16X magnification for gene transfer surgery