

Materials List for:

# Partial Optic Nerve Transection in Rats: A Model Established with a New Operative Approach to Assess Secondary Degeneration of Retinal Ganglion Cells

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## Materials

Name	Company	Catalog Number	Comments
Animal Anesthesia Ventilator System	MIDMARK	Matrx VMR	
Isoflurane	RWD Life Science Co.	R510-22	
Surgical Microscope	Leica AG, Heerbrugg, Switzerland	M620 F20	
Tobramycin Eye ointment	Alcon	H20110312	
Fluorogold	Biotium	80014	
Iris scissors	66vision Co.	54026	
Vannas spring scissor	66vision Co.	54137B	
Sharp-serrated forceps/0.12mm toothed forceps	66vision Co.	53329A	
Sharp-curved forceps	66vision Co.	53324A	
Sapphire surgical probe	66vision Co.	50205TA	
26G needle tip	Shandong Weigao Group Medical Polymer Co.	3151474	
10 µl Hamilton Syringe	Hamilton Co.	80030	
5-0 non-absorbable suture	Johnson & Johnson International Co.	W580	
Chlorhexidine	Sigma-Aldrich	282227	
Stereotaxie apparatus	RWD Life Science Co.	68026	
Retinal Imaging System	OptoProbe Ltd.	OPTO-RIS	
RetCamII wide field imaging system	Clarity Medical Systems, Inc.	RetCamII	
Fluorescence microscope	Leica Microsystems Inc.	DM6000	