

Materials List for:

Creating Anatomically Accurate and Reproducible Intracranial Xenografts of Human Brain Tumors

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Materials

Name	Company	Catalog Number	Comments
Equipment			
Small Animal Stereotaxic Instrument with Digital Display Console	Kopf	Model 940	
Mouse Gas Anesthesia Head Holder	Kopf	Model 923-B	
Mouse Ear Bars	Kopf	Model 922	
Fiber Optic Illuminator	Fisher	12-562-36	
UltraMicroPump III	WPI	UMP3	
Micro4 microprocessor	WPI	UMC4	
Variable speed hand-held rotary drill	Dremel	Model 300	
Dental drill bit, 1.0 mm	Spoelting	514554	
Adaptor for dental drill bit: 3/32 inch collet	Dremel	481	
Heating pad			for mice
Isoflurane vaporizer system			for mice
Medical tubing and connectors			to connect isoflurane vaporizer with stereotaxic frame
Instruments			
Precision 25 µl microsyringe	Hamilton	7636-01	Model 702, without needle
Microsyringe needles, 26s G	Hamilton	7804-04	RN, 25 mm point style 2
Fine-tipped scissors (straight, sharp/sharp)			
Medium-sized standard scissors			
Standard serrated forceps			
Serrated hemostats (2)			
Fine-tipped forceps			
Supplies			
Sutures 5-0 vicryl P-3 13 mm (Ethicon)	MWl	J463G	
Surgical blades #10, stainless (Feather)	Fisher	296#10	
Isoflurane (Fluriso)	VetOne	NDC 13985-528-60	Item #502017. Liquid inhalation anesthetic. federal law restricts this drug to use by or on the order of a licensed veterinarian.

Carprofen (Rimadyl Injectable 50 mg/ml)	Pfizer	NDC 61106-8507-01	dilute in saline
Ophthalmic ointment (artificial tears)	Rugby	NDC 0536-6550-91	
Topical antibiotic (AK-Poly-Bac)	Akorn	NDC 17478-238-35	
Povidone-iodine topical antiseptic, 10% (Betadine)	Betadine	NDC 67618-150-04	
Hydrogen peroxide, 30%	Fisher	H325-100	for visualizing skull landmarks
Sterile saline	VetOne	NDC 13985-807-25	for diluting solutions, cleaning tissue
Bone wax	WPI	Item #501771	
Sterile drapes	McKesson	25-517	
Sterile surgical gloves	McKesson	(to fit)	
Sterile gauze pads, 2 x 2	Fisherbrand	22028556	
Sterile gauze pads, 4 x 4	Fisherbrand	22-415-469	
Alcohol prep pads (medium)	PDI	B603	
Sterile cotton-tipped applicators	Fisherbrand	23-400-114	
Sterile 0.5 ml screw cap tube with caps for cells	USA Scientific	1405-4700	for cells
Individually wrapped sterile dispo pipettes	Fisher	BD 357575	for needle cleaning solutions
BD insulin syringes with needles	Fisher	329461	for analgesic
70% Ethanol			for cleaning
Sterile diH ₂ O			for cleaning
Microfuge tubes for cleaning solutions			for needle cleaning solutions
Felt tip pen (dedicated)			for marking skull