

Materials List for

Longitudinal Intravital Microscopy Using a Mammary Imaging Window with Replaceable Lid

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Materials

Name	Company	Catalog Number	Comments
0.9% NaCl	BD	306573	Other brands available
10 mm round coverglass	Fisher scientific	10696365	Other brands available
5-0 braided silk suturs	Ethicon	W580	
80% Ethanol	homemade	NA	
Anesthesia induction box	Kentscientific	VetFlo-MSEKIT	
Buprenorphine (Vetergesic®)	Ecuphar	NA	
Cotton tips (sterile)	Fisher scientific	13113743	Other brands available
Cyanoacrylate adhesive	Loctite	NA	Other brands available
Eye ointment	Duratears	NA	
Flexible butterfly needle	Greiner Bio-One	450120	Other brands available
Graefe forceps (blunt)	Fine Science Tools	11051-10	
Heating pad	Kentscientific	RightTemp Jr.	Other brands available
Imaging box	Custom made	NA	
Infuse nutrient mixture	Braun	Nutriflex special 70/240	
Insulin syringes	BD	324911	Other brands available
Inverted multi-photon microscope with automated stage	Leica Microsystems	NA	
Isoflurane vaporizer	Kentscientific	VetFlo-1231K	
Needle holder	Fine Science Tools	12510-14	
Parafilm	Sigma-Aldrich	P7793	semi-transparent tape
Paper tape tesa	Tesa	NA	
Petroleum Jelly	Vaseline	NA	
Razor blades	Fisher scientific	11904325	Other brands available
Silicon tubing	Solutions Elastomeres	NA	Any houseware
Spring scissors (small)	Fine Science Tools	15018-10	
Sterile PBS	ThermoFisher Scientific	10010023	
Syringe (10 ml)	BD	305482	Other brands available

Thin forceps	Fine Science Tools	11413-11	
Titanium lid for mammary imaging window	Custom made	NA	
Titanium mammary imaging window	Custom made	NA	
Wooden sticks toothpicks	Fisher scientific	NC1678836	Other brands available