

Materials List for

# Rodent Heart and Brain Tissue Preparation for Digital Macro Photography after Ischemia-reperfusion

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jove.com/video/62942

## Materials

Name	Company	Catalog Number	Comments
1 mL syringe	Sagimed	N/A	
2,3,5-Triphenyltetrazolium chloride (TTC)	Sigma-Aldrich	298-96-4	
5 mL syringe	Sagimed	N/A	
50 mL syringe	Terumo	N/A	
Adult Rat Brain Slicer Matrix	Zivic Instruments	BSRAS001-1	
Aortic cannula for mouse heart	ADInstruments	SP3787	
Aortic cannula for rat heart	ADInstruments	SP3786	
Calcium chloride dihydrate, ≥99%	Acros Organics	207780010	
Cover Glass Forceps, Angled	Fine Science Tools	11073-10	
Hemostatic forceps	Agnthos	13008-12	
Hoya 62 mm alpha Circular Polarizer Filter	Hoya	HOCPA62	
Magnesium chloride hexahydrate	Penta	16330-31000	
Methylene Blue	SigmaAldrich	M9140	
Mouse Heart Slicer Matrix	Zivic Instruments	HSMS005-1	
Polyethylene plastic tubing	BD Intramedic	N/A	
Potassium chloride for biochemistry	Acros Organics	418205000	
Potassium phosphate, monobasic, ≥99%	Acros Organics	205920025	
Rat Heart Slicer Matrix	Zivic Instruments	HSRS001-1	
Scissors curved with blunt ends	Agnthos	14013-15	
Scissors for cleaning heart	Agnthos	14058-11	
Single Edge Razor Blades	Zivic Instruments	BLADE012.1	
Sodium bicarbonate for biochemistry, 99.5%	Acros Organics	447100010	
Sodium chloride	Fisher bioreagents	BP358-10	
Sony Alpha a6000 Mirrorless Digital Camera	Sony	ILCE6000	Can be replaced by any up-to-date digital camera

Sony FE 90 mm F/ 2.8 Macro G OSS	Sony	SEL90M28G	Important, lens should be compatible with camera
Sony SF32UZ SDHC 32 GB Class 10 UHS	Sony	2190246141	
Surgical blade	Heinz Herenz Hamburg Germany	BS2982	
Thermo-Shaker	BioSan	PST-60HL-4	
Toothed tissue forceps	Agnthos	11021-12	
Toothed tissue forceps for cleaning heart	Agnthos	11023-10	
Weigh tray, 70 mL	Sarsted	71,99,23,212	