

# Organ Ischemia-Reperfusion Injury by Simulating Hemodynamic Changes in Rat Liver Transplant Model

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jove.com/video/61779

## Materials

Name	Company	Catalog Number	Comments
4% paraformaldehyde solution	Shanghai Macklin Biochemical Co.,Ltd	P804536	
air drying oven	Shanghai Binglin Electronic Technology Co., Ltd.	BPG	
Alanine aminotransferase (ALT)Kit	Elabscience Biotechnology Co.,Ltd	E-BC-K235-S	
ammonia	Sinopharm Chemical Reagents Co. Ltd	10002118	
amylase Kit	Elabscience Biotechnology Co.,Ltd	E-BC-K005-M	
anhydrous ethanol	Sinopharm Chemical Reagents Co. Ltd	100092183	
Animal anesthesia machine	Shenzhen Ruiwode Life Technology Co. Ltd	R640	
aspartate aminotransferase (AST)kit	Rayto Life and Analytical Sciences Co., Ltd.	S03040	
automatic biochemical analyzer.	SIEMENS AG FWB:SIE, NYSE:SI Co., Ltd.	2400	
Biosystems (when nessary)	Chengdu Taimeng Electronics Co., Ltd.	BL-420F	
Centrifuge	Baiyang Medical Instrument Co., Ltd.	BY-600A	
cover glass	Jiangsu Shitai Experimental Equipment Co. Ltd	10212432C	
creatinine Kit	Rayto Life and Analytical Sciences Co., Ltd.	S03076	
dewatering machine	Hungary 3DHISTECH Co.,Ltd	Donatello Series 2	
embedding machine	Hubei Xiaogan Kuohai Medical Technology Co., Ltd.	KH-BL1	
frozen machine	Wuhan Junjie Electronics Co., Ltd	JB-L5	
hematoxylin-eosin dye solution	Wuhan Saiwell Biotechnology Co., Ltd	G1005	

high-efficiency paraffin wax	Shanghai huayong paraffin wax co., Ltd	Q/YSQN40-91	
hydrochloric acid	Sinopharm Chemical Reagents Co. Ltd	10011018	
intraocular lens (IOL)forceps	Guangzhou Guangmei Medical Equipment Co., Ltd.	JTZRN	
Isoflurane	Shenzhen Ruiwode Life Technology Co. Ltd	—	
micro Scissors(when nessary)	Shanghai Surgical Instrument Factory	WA1010	
needle holders	Shanghai Surgical Instrument Factory	J32010	
neutral gum	Shanghai Huashen Healing Equipment Co.,Ltd.	—	
normal optical microscope	Nikon Instrument Shanghai Co., Ltd	Nikon Eclipse CI	
ophthalmic forceps	Shanghai Surgical Instrument Factory	J3CO30	straight
ophthalmic forceps	Shanghai Surgical Instrument Factory	JD1060	bending
ophthalmic Scissors	Shanghai Surgical Instrument Factory	J1E0	
pathological slicer	Shanghai Leica Instrument Co., Ltd	RM2016	
pipettes	Dragon Laboratory Instruments Co., Ltd.	7010101008	
retractors	Beijing Jinuotai Technology Development Co.,Ltd.	JNT-KXQ	
scanner	Hungary 3DHISTECH Co.,Ltd	Pannoramic 250	
slide	Wuhan Saiwell Biotechnology Co., Ltd	G6004	
xylene	Sinopharm Chemical Reagents Co. Ltd	1330-20-7	