

Materials List for

Generation of Hook Ischemia-Reperfusion Model using a Three-Day Developing Chick Embryo

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Materials

Name	Company	Catalog Number	Comments
(-80°C) freezer	Haier, China	-	
1.5mL Centrifuge tube	TARSONS, India	500010X	
100mm Petri dish (sterile)	Tarsons, India	460050	
18G Needle (18G×1.5 (1.25×38mm))	Ramsons, India	13990	
1mL Syringe	DISPO VAN	-	
26G Needle (26G×1/2 (10.45×13mm))	DISPO VAN, india	30722D	
37°C egg incubator with adjustable percentage humidity	Gentek, India	GL-100	
37°C laboratory incubator	SCIENCE TECH, India	CB 101-14	
3-Methyladenine (3-MA)	Sigma Aldrich, USA	M9281	
3mL Pasture Pipette	TARSONS, India	940050	
50mL Beaker	TARSONS, India	-	
5mL Syringe	DISPO VAN, India	IP53	
70% ethanol	Merck Millipore, United States	64-17-5	
Adhesive tape/Cello tape	Sunrise, India	-	
Ambra1 primers	Applied Biosystems, Foster city, USA	Hs00387943_m1	
Anti-mouse IgG	Cell Signaling Technology, USA	7076S	
Anti-Rabbit IgG	Jackson Immuno Research Laboratories, USA	711-035-152	
Atg7	R&D Systems, USA	MAB6608	
Atg7 primers	Applied Biosystems, Foster city, USA	Hs00893766_m1	
Autoclave Bag	Tarsons, India	550022	
Autoclave Machine	Local made, Lucknow, India	-	
Beclin-1	Proteintech, USA	66665-1-Ig	
Beta Actin	ImmunoTag, USA	ITT07018	
Bovine Serum Albumin	Himedia, Mumbai, India	TC194	

Calcium Chloride	Himedia, Mumbai, India	GRM534	
Catalase	ImmunoTag, USA	ITT5155	
Cleaning wipes	Kimberly-Clark, India	370080	
Cleaved Caspase3	ImmunoTag, USA	ITT07022	
di-Sodium hydrogen phosphate heptahydrate	Himedia, Mumbai, India	GRM39611	
Doppler blood flowmeter	Moors instrument, United Kingdom	moorVMS-LDF1	
Egg rack	-	-	
Egg rack	-	-	
GAPDH	ImmunoTag, USA	M1000110	
GAPDH primers	Applied Biosystems, Foster city, USA	Hs02758991_g1	
Glycine	Himedia, Mumbai, India	MB013	
Kidney tray	HOSPITO	-	
LC3A/B	Cell Signaling Technology, USA	4108S	
Methanol	Rankem laboratories, Mumbai, India	M0252	
Micromanipulator	Narishige, Japan	M-152	
N-acetyl-L-cysteine (NAC)	Sigma Aldrich, USA	A7250	
Naringenin	Sigma Aldrich, USA	67604-48-2	
NF- κ B	Thermo Fisher Scientific, USA	51-0500	
NLRP3	ImmunoTag, USA	ITT07438	
Nose plier	Local made, Lucknow, India	-	
Ocular forceps	Stoelting, Germany	52106-40	
Ocular iris	Tufft Surgical Instruments, Jaipur, India	Hard Age Vannas Micro Scissors Angled 8CM / 3 1/8"	
OHP marker pen	Camlin, India	-	
ORP-150	ImmunoTag, USA	ITT08329	
Pointed sharp edge scissor	Stoelting, Germany	52132-11	
Potassium Chloride	Himedia, Mumbai, India	MB043	
Potassium phosphate monobasic anhydrous	Himedia, Mumbai, India	MB050	
Protease Inhibitor	Abcam, United States	Ab65621	
SOD-1	ImmunoTag, USA	ITT4364	
Sodium Chloride	Fisher Scientific, Mumbai, India	27605	
Sodium dodecyl sulphate	Himedia, Mumbai, India	GRM886	
Spinal needle 25GA; 3.50 IN (90.51 X 90mm)	Ramson, India	GS-2029	
Stereo Zoom surgical microscope	Olympus, Japan	SZ2-STU3	
Syringe discarder	BIOHAZARD	882210	
Toothed forceps	Stoelting, Germany	52102-30	
Tris Base	G Biosciences, United States	RC1217	
Tris Hydrochloric Acid	Himedia, Mumbai, India	MB030	
Tween 20	G Biosciences, United States	RC1227	
White Leghorn Chicken 0-day eggs	-	-	
Z-Val-Ala-Asp(OMe)-FMK	MP Biomedicals, LLC, USA	FK009	