

Materials List for

Preparing a Mice Model of Severe Acute Pancreatitis *via* a Combination of Caerulein and Lipopolysaccharide Intraperitoneal Injection

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Materials

Name	Company	Catalog Number	Comments
20× Citric Acid Antigen Repair Solution (pH 6.0)	Wuhan servicebio Technology Co.,Ltd, China	G1202-250 ml	
Amylase	Mindray,China		
Annexin V-FITC/PI	Wuhan servicebio Technology Co.,Ltd, China	G1511	diluted at 1:20
Anti-HMGB1 Rabbit pAB	Wuhan servicebio Technology Co.,Ltd, China	GB11103	diluted at 1:1800
BCA protein quantitative detection kit	Wuhan servicebio Technology Co.,Ltd, China	G2026-200T	
BD FACSCanto II Flow Cytometer	BD Life Sciences, San Jose, CA, 95131, USA	BD FACSCanto II	
BSA	Wuhan servicebio Technology Co.,Ltd, China	GC305010-100g	
C57BL/6J	Cavion Experimental Animal Co., Changzhou, China		license number SCXY (Su) 2011-0003
Ceruletide	MCE, New Jersey, USA	17650-98-5	50 µg/kg
Chemiluminescence imager	Cytiva CO.,LTD.;USA		
Citric acid antigen repair Solution (Dry powder pH 6.0)	Wuhan servicebio Technology Co.,Ltd, China	G1201-5 L	
Collagenase IV	Wuhan servicebio Technology Co.,Ltd, China	GC305014	0.5 mg/mL
DAB (SA-HRP) Tunel Cell Apoptosis Detection Kit	Wuhan servicebio Technology Co.,Ltd, China	G1507-100 T	
Dimension EXL with LM Integrated Chemistry System	Siemens Healthcare Diagnostics Inc.Brookfield,USA	YZB/USA 8311-2014	
ECL developer	Wuhan servicebio Technology Co.,Ltd, China		
Eosin dye (alcohol soluble)	Wuhan servicebio Technology Co.,Ltd, China	G1001-100 ml	
EthoVision XT	Noldus, Netherlands		
FITC-labeled goat anti-rabbit IgG	Wuhan servicebio Technology Co.,Ltd, China	GB22303	diluted at 1:50
Fully automatic blood cell analyzer	Zybio Inc. China	Zybio-Z3 CRP	
GapDH	Wuhan servicebio Technology Co.,Ltd, China	GB11103	diluted at 1:1500

Hematoxylin blue return solution	Wuhan servicebio Technology Co.,Ltd, China	G1040-500 ml	
Hematoxylin differentiation solution	Wuhan servicebio Technology Co.,Ltd, China	G1039-500 ml	
Hematoxylin dye	Wuhan servicebio Technology Co.,Ltd, China	G1004-100 ml	
HMGB-1 ELISA kits	njcbio Co., Ltd, China		
HOMOGENIZER	Wuhan servicebio Technology Co.,Ltd, China	KZ-III-F;IC111150 100222	
HRP-labeled goat anti-rabbit IgG	Wuhan servicebio Technology Co.,Ltd, China	GB23303	diluted at 1:1500
IL-6 ELISA kits	Wuhan servicebio Technology Co.,Ltd, China	GEM0001	
Lipase	Mindray,China		
Lipopolysaccharide	Wuhan servicebio Technology Co.,Ltd, China	GC205009	15 mg/kg
Low temperature high speed centrifuge	Changsha Pingfan Apparatus&Instrument Co.,Ltd.,China	TGL-20M	
Membrane breaking liquid	Wuhan servicebio Technology Co.,Ltd, China	G1204	
microtome	Jinhua Craftek Instrument Co., Ltd.;China	CR-601ST	
Nylon mesh	Wuhan servicebio Technology Co.,Ltd, China		200-mesh
One-step TUNEL cell apoptosis detection kit (DAB staining method)	Wuhan servicebio Technology Co.,Ltd, China	G1507-100T	
Paraffin tissue embedding machine	PRECISION MEDICAL INSTRUMENTS CO.,LTD;Changzhou,China	PBM-A	
Pathological tissue drying apparatus	PRECISION MEDICAL INSTRUMENTS CO.,LTD;Changzhou,China	PHY-III	
Phosphate-buffered saline	Wuhan servicebio Technology Co.,Ltd, China	G4202-100ML	
PMSF	Wuhan servicebio Technology Co.,Ltd, China	G2008-1 ml	
Positive fluorescence microscope	Olympus Corporation,Tokyo, Japan	BX53	
Pro Calcitonin	Mindray,China		
PVDF membrane	Millipore, USA		0.22 μm
RIPA	Wuhan servicebio Technology Co.,Ltd, China	G2002-100 ml	
SDS-PAGE	Beyotime Biotechnology,China	P0012A	
TNF-αELISA kits	Wuhan servicebio Technology Co.,Ltd, China	GEM0004	
Ultrasonic water bath	DONGGUAN KQAO ULTRASONIC EQUIPMENT CO.,LTD.;China	KQ-200KDE	
Western Blot	Bio-Rad Laboratories, Inc.,USA		
Western blot imaging System	Global Life Sciences IP Holdco LLC, JAPAN	Amersham ImageQuant 800	
Whirlpool mixer	SCIOLOGEX;USA		