

Materials List for:

Isolation, Fixation, and Immunofluorescence Imaging of Mouse Adrenal Glands

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Materials

Name	Company	Catalog Number	Comments
24-well cell culture plate	Nest Biotechnology Co.	0412B	
Disposable needles 25 G x 5/8"	Exel International	26403	
Paraformaldehyde (PFA)	Sigma-Aldrich	P6148	
Paraplast plus	McCormik scientific	39502004	Paraffin for tissue embedding
Shandon biopsy cassettes II with attached lid	Thermo scientific	1001097	Cassettes for tissue processing
High Profile Microtome Blades	Accu-Edge	4685	Disposable stainless steel blades
Peel-a-way disposable plastic tissue embedding molds	Polysciences Inc.	18986	Truncated, 22 mm square top tapered to 12 mm bottom
Superfrost Plus Microscope Slides	Fisherbrand	12-550-15	75 mm x 25 mm x 1 mm
Xylene	Fisher Chemical	X5P1GAL	
200 Proof Ethanol	Decon Labs, Inc.		
Certi-Pad Gauze pads	Certified Safety Mfg, Inc	231-210	3" x 3. Sterile latex free gauze pads
M.O.M kit	Vector laboratories	BMK-2202	For detecting mouse primary antibodies on mouse tissue
KimWipes	Kimtech	34155	Wipes 4.4 inch x 8.4 inch
Super PAP PEN	Invitrogen	00-8899	Pen to draw on slides
Microscope cover glass	Fisherbrand	12-544-D	Size: 22 x 50 x 1.5
DAPI	Sigma	D9542	(Prepared in 20 mg/mL stock)
ProLong Gold antifade reagent	Molecular Probes	P36930	Mounting agent for immunofluorescence
X-cite series 120Q	Lumen Dynamics		Light source
Coolsnap Myo	Photometrics		Camera
Optiphot-2	Nikon		Microscope
microtome	American Optical		
Tissue embedder	Leica	EG1150 H	
Tissue processor	Leica	ASP300S	
Normal goat serum	Sigma	G9023	
Mouse anti-TH	Millipore	MAB318	Primary antibody
Rabbit anti-SF1	Ab proteintech group (PTGlabs)	custom made	Primary antibody
Alexa-488 Mouse IgG raised goat	Jackson ImmunoResearch	115-545-003	Secondary antibody

Dylight-549 Rabbit IgG raised goat	Jackson ImmunoResearch	111-505-003	Secondary antibody
Citrate acid anhydrous	Fisher Chemical	A940-500	
NIS-Elements Basic Research	Nikon		Software for imaging