

Materials List for:

Quantitative Whole-mount Immunofluorescence Analysis of Cardiac Progenitor Populations in Mouse Embryos

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Materials

Name	Company	Catalog Number	Comments
Blunt probe	Roboz	RS-9580	
Forceps	Roboz	RS-8100	
Fine forceps	Roboz	RS-5015	
Dissection scissors	Roboz	RS-5912	
Saponin	Sigma Aldrich	84510	
Bovine Serum Albumin	Sigma Aldrich	A8022	
Triton	RPI	A4490	
Goat anti-Nkx2-5	Santa Cruz Biotech	sc-8697	Used at 1:100-1:500
Chicken anti-GFP	abcam	ab13970	Used at 1:500
Rabbit anti-Islet1	abcam	ab109517	Used at 1:100
Rabbit anti-Hcn4	Millipore	AB5808	Used at 1:100
488 anti-chicken	Jackson ImmunoResearch	703-546-155	Reconstituted in water and stored at -20 °C in final concentration of 50% glycerol. Used at 1:500.
555 anti-goat	Thermo Fisher Scientific	A21432	Used at 1:500
647 anti-rabbit	Jackson ImmunoResearch	711-606-152	Reconstituted in water and stored at -20 °C in final concentration of 50% glycerol. Used at 1:500.
DAPI	Sigma Aldrich	D9542	
n-Propyl gallate	Sigma Aldrich	2370	Stock solution is 20% w/v in DMSO. Working solution prepared by mixing 1 part 10x PBS with 9 parts 100% glycerol and slowly adding 0.1 part stock solution.
Superfrost Plus microscopy slides	VWR Scientific	48311-703	
22x22 mm coverslips	VWR Scientific	48366-227	
Imaris 8.4.1	Bitplane		