

Materials List for:

# Analysis of Congenital Heart Defects in Mouse Embryos Using Qualitative and Quantitative Histological Methods

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## Materials

Name	Company	Catalog Number	Comments
15 mL Conical Tube(s)	Fisher Scientific	# 1495970C	
C57BL/6J Mice	Jackson Labs	C57BL/6J - stock 000664	
Coplin Staining Jars (x6)	VWR Scientific	# 25457-006	
Coverslips 24X50MM #1.5	VWR Scientific	# 48393-241	
Cryostat - Leica CM3050S	Leica	N/A	
Dissecting Dish(s)	Fisher Scientific	# 50930381	
Dumont #5 - Fine Forceps (x2)	Fine Science Tools	# 11254-20	
Eosin Y Solution	Millipore Sigma	# HT110116-500ML	
Ethyl Alcohol (Pure, 200 proof)	Fisher Scientific	# BP2818-500	
Ethylenediaminetetraacetic acid (EDTA)	Millipore Sigma	# E9884-100G	
Eukitt	Millipore Sigma	# 03989-100ML	
Fine Scissors	Fine Science Tools	# 14060-10	
Fluorescent Stereo Microscope Leica M165 FC	Leica	N/A	
Glycine	Millipore Sigma	# 410225-250G	
Graefe Forceps	Fine Science Tools	# 11052-10	
Graphpad Prism 8 Software	Graphpad		
ImageJ Software	ImageJ		
Kimwipes	Fisher Scientific	# 06666A	
Mayer's hematoxylin solution	Millipore Sigma	# MHS16-500ML	
Micropipette tip(s) - p200	Fisher Scientific	# 02707448	
Microsoft Excel Software	Microsoft		
OCT Compound	VWR Scientific	# 102094-106	
Olympus CkX53 Microscope	Olympus		
Paint Brushes (at least 2)			
Paraformaldehyde	VWR Scientific	# 0215014601	Make into 4% solution (dissolved in PBS)
Pasteur pipette(s)	Fisher Scientific	# 13-711-7M	
Penicillin-Streptomycin	ThermoFisher Scientific	# 15140122	
Phosphate Buffered Saline (PBS)	ThermoFisher Scientific	# 70011044	Dilute from 10x to 1x before using
Scale	Mettler Toledo	# MS1602TS	
Scale	Mettler Toledo	# MS105	
Scalpel Handle #3	VWR Scientific	# 10161-918	

Scalpel Blades	VWR Scientific	# 21909-612	
Square Mold	VWR Scientific	# 100500-224	For OCT molds
Sucrose	Millipore Sigma	# S9378-500G	
Superfrost Plus Slides	Fisher Scientific	# 1255015	
Surgical Scissors	Fine Science Tools	# 14002-14	
Tissue-Tek Accu-Edge Disposable Microtome Blades	VWR Scientific	# 25608-964	
Travel Scale	Acculab	VIC 5101	
Xylene	Millipore Sigma	214736-1L	