

Materials List for:

Isolation of Intact, Whole Mouse Mammary Glands for Analysis of Extracellular Matrix Expression and Gland Morphology

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Materials

Name	Company	Catalog Number	Comments
Light Microscope	Olympus	BX43	
Microscope Camera	Olympus	DP73	
Image Analysis Software	Olympus	cellSens Entry software	
	NIH	ImageJ	
3.5x-R Surgical Micro Loupes	Rose Micro Solutions		Magnification at researcher's preference
Mayo Scissors	Medline	DYND04035	
Staining Rack	Fisher Scientific	121	
Staining Dish	Fisher Scientific	112	
Coplin Jars	Fisher Scientific	19-4	
Glass coverslips	Fisher Scientific	12-550-15	Size appropriate for tissue
IHC EnVision+ Kit (HRP, Mouse, DAB+)	Dako	K400611-2	
Picrosirius Red Kit	Abcam	AB150681	
Eosin Y, alcoholic	Sigma-Aldrich	HT110132	
Harris Hematoxylin	Sigma-Aldrich	HHS16	
Donkey Serum	EMD Millipore	S30	
10% Neutral Buffered Formalin	Sigma-Aldrich	HT501128	
Xylenes, Reagent Grade	Sigma-Aldrich	214736	
Ethanol, 200 proof	Sigma-Aldrich	792780	suitable for molecular biology
Phosphate Buffered Saline, 1x	Gibco	10010023	
Sodium Citrate	Fisher Scientific	S279-500	
Calcium Carbonate	Sigma-Aldrich	202932	
Permanent Mounting Medium	Dako	S1964	
Eukitt's Mounting Medium	Sigma-Aldrich	3989	
Fibronectin antibody	Abcam	AB23750	
Tenascin-C antibody	Abcam	AB108930	
Alpha Smooth Muscle Actin antibody	Abcam	AB124964	
Dako Envision Dual Link System HRP	Dako	K4065	