

Materials List for:

Assessment of Maternal Vascular Remodeling During Pregnancy in the Mouse Uterus

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Materials

Name	Company	Catalog Number	Comments
C57BL/6 mice (8-12 weeks old)	Charles River		
Dental floss			
Polystyrene			Used for holding tissue in place
Straight dissection scissors	EMS	72940	
25 G needles	BD	300600	Used for holding tissue in place
50 ml conical tubes	Falcon	352070	
Formalin solution, neutral buffered, 10%	Sigma	HT501128-4L	
Phosphate buffered saline	Sigma	P3813-10PAK	
Ethanol	Sigma	32221-2.5L	
Paraffin	Sigma	327204-1KG	
Xylene	Fisher Scientific	X/0250/17	
Automated tissue processor	Sakura	6032	
Microtome	Leica	RM2245	
Slide rack	Sigma	Z710989	
Coplin jar	Sigma	S5891	
Purified water			
Hematoxylin solution, Gill No. 3	Sigma	GHS332-1L	
Eosin Y solution	Sigma	HT110116-500ML	
Fume hood			
Xylene-based mounting media	VWR	361254D	
Slide scanner	Hamamatsu	NanoZoomer	
Slide scanner software	Hamamatsu	NDP viewer	
Sodium citrate tribasic dihydrate	Sigma	32320	Make 10 mM solution and adjust pH to 6
Pressure cooker			Used for antigen retrieval
Heating plate			Used for antigen retrieval
Hydrophobic barrier pen	Vector	H-4000	
Hydrogen peroxide	Fisher Scientific	H/1800/15	
Tris buffered saline	Sigma	T6664-10PAK	
Mouse on mouse kit	Vector	BMK-2202	Significantly reduces background
Mouse anti-human smooth muscle actin	DAKO	M0851	Cross-reacts with mouse
IgG2a isotype control	DAKO	X0943	

Humidified chamber	Sigma	H6644	
3,3'-Diaminobenzidine solution	Sigma	D4293-5SET	
Hydrochloric acid	Fisher Scientific	H/1050/PB17	