

Materials List for

Analysis of Extracellular Vesicle-Mediated Vascular Calcification Using *In Vitro* and *In Vivo* Models

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jove.com/video/65013

Materials

Name	Company	Catalog Number	Comments
8-well chambered coverglass	Thermo Scientific	155409PK	
10 mL Syringe	BD	302995	
20 G 1 inch Needle	BD	305175	
Collagen, High Concentraion, Rat Tail	Corning	354249	
Collagenase	Worthington Biochemical	LS004174	
Curved Forceps	Roboz Surgical Instrument	RS-8254	
Dissection Dish	Living Systems Instrumentation	DD-90-S	
Dissection Pan and Wax	United Scientific Supplies	DSPA01-W	
DMEM	Cytiva	SH30022.FS	
Isoflurane	Sigma-Aldrich	26675-46-7	
LI-COR Odyssey	LI-COR	DLx	
Micro Dissecting Curved Scissors (24 mm Blade)	Roboz Surgical Instrument	RS-5913	
Micro Dissecting Spring Scissors (13 mm Blade)	Roboz Surgical Instrument	RS-5677	
Micro Dissecting Spring Scissors (5 mm Blade)	Roboz Surgical Instrument	RS-5600	
Micro Dissecting Tweezers (0.10 x 0.06 mm Tip)	Roboz Surgical Instrument	RS-4976	
Optima MAX-TL Ultracentrifuge	Beckman Coulter	B11229	
OsteoSense 680EX	Perkin Elmer	NEV10020EX	
Pierce Protease Inhibitor	Thermo Scientific	A32963	
Potassium Chloride	Fischer Chemical	P217	
RIPA Lysis and Extraction Buffer	G Biosciences	786-489	
Sodium Chloride	Fischer Chemical	BP358	
Sodium Hydroxide	Thermo Scientific	A4782602	
Sodium phosphate monobasic	Sigma-Aldrich	S0751	
Sucrose	Sigma	S7903	

Synergy HTX Multimode Reader	Agilent		
Tissue culture plate, 96-well	Thermo Fisher	167008	
T-Pins	United Scientific Supplies	TPIN02-PK/100	
Tris Hydrochloride	Fischer Chemical	BP153	