

Materials List for

Calcification Assay to Measure Calcium Concentration in Aortic Valve Interstitial Cells

1
?

URL: <https://www.jove.com/video/21280>

DOI: [doi:10.3791/21280](https://doi.org/10.3791/21280)

Materials

Name	Company	Catalog Number	Comments
3 mm cutting edge scissors	F.S.T	15000-00	
Arsenazo-III reagent set	POINT SCIENTIFIC	C7529-500	A kit to measure the concentration of calcium
Bonn Scissors	F.S.T	14184-09	
Calcium hydroxide	SIGMA -Aldrich	31219	
Collagenase type I (125 units/mg)	Thermofisher Scientific	17018029	
DMEM	Thermofisher	11965092	
Extra fine graefe forceps	F.S.T	11150-10	
FBS	Gibco	16000044	
Fine forceps	F.S.T Dumont		
HCl	SIGMA-ALDRICH	H1758	
HEPES 1 M solution	STEMCELLS TECHNOLOGIES		
L-Glutamine 100x	Thermofisher Scientific	A2916801	
PBS 10x	SIGMA-ALDRICH		
Penicillin streptomycin 100x	Thermofisher Scientific	10378016	
Sodium Pyruvate 100 mM	Thermofisher Scientific	11360070	
Standard pattern forceps	F.S.T	11000-12	
Surgical Scissors - Sharp-Blunt	F.S.T	14008-14	
Trypsin 0.05%	Thermofisher Scientific	25300054	