

Materials List for

Investigating Aortic Valve Calcification via Isolation and Culture of T Lymphocytes using Feeder Cells from Irradiated Buffy Coat

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Materials

Name	Company	Catalog Number	Comments
50 mL plastic syringes	Fisherbrand	9000701	
96- well U- bottom Multiwell plates	Greiner Bio-One	10638441	
Bag Spike (needle free)	Sigma	P6148	Dilute to 4% with PBS
CD14 Brilliant violet 421	Biolegend	560349	
CD25 PE	Biolegend	302621	
CD3 PE/Cy7	Biolegend	300316	
CD4 Alexa Fluor 488	Biolegend	317419	
CD45 Brilliant violet 711	Biolegend	304137	
CD8 Brilliant violet 510	Biolegend	301047	
Eppendorf tube 1.5 mL	Eppendorf	13094697	
Eppendorf tube 0.5 mL	Thermo Scientific	AB0533	
Falcon 15 mL conical centrifuge tube	Falcon	10136120	
Falcon 50 mL conical centrifuge tubes	Falcon	10788561	
Falcon Round-Bottom Polystyrene Tubes	BD	2300E	
Fast read 102 plastic counting chamber	KOVA INTERNATIONAL	630-1893	
Filters for culture medium 250 mL	NalgeneThermo Fisher Scientific	168-0045	
Filters for culture medium 500 mL	NalgeneThermo Fisher Scientific	166-0045	
HB 101 Lyophilized Supplement	Irvine Scientific	T151	
HB Basal Medium	Irvine Scientific	T000	

Heat-Inactivated FBS (Fetal Bovine Serum)	Euroclone	ECS0180L	
HS (Human serum)	Sigma Aldrich	H3667	
Human IL-2 IS	Miltenyi Biotec	130-097-744	
L-Glutamine	Gibco	11140050	
Lymphoprep	Falcon	352057	
Non-essential amino acids solution	Sigma	11082132001	
Paraformaldehyde	Thermo Fisher Scientific	10538931	
PBS (Phosphate-buffered saline)	Thermo Fisher Scientific	10010023	
Penicillin/Streptomycin	Gibco	15070063	10000 U/mL
PHA (phytohemagglutinin)	Stem Cell Technologies	7811	
Plastic Petri dishes	Thermo Scientific	R80115TS	10 0mm x 15 mm
RPMI 1640 Media	HyClone	15-040-CV	
Sodium pyruvate	Gibco by Life technologies	11360070	
Syringe Filters 0,45µl	Rotilabo-Spritzenfilter	P667.1	
T-25 Cell culture flasks	InvitrogenThermo Fisher Scientific	AM9625	
T-75 Cell culture flask	Thermo Fisher Scientific	10232771	
β- Mercaptoethanol	Gibco	A2916801	