

Materials List for:

Differentiation Capacity of Human Aortic Perivascular Adipose Progenitor Cells

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Materials

Name	Company	Catalog Number	Comments
Animal-free collagenase/dispase blend I	Millipore-Sigma	SCR139	50mg
Alcian Blue	NewComerSupply	1003A	1% Aqueous solution pH 2.5
Alizarin Red	Amresco	9436-25G	
alpha-MEM	ThermoFisher	12561056	
Aniline Blue	NewComerSupply	10073C	
Antibiotic/antimycotic	ThermoFisher	15240062	
Beibrich's scarlet acid fuchsin	Millipore-Sigma	A3908-25G	
b-glycerophosphate	Millipore-Sigma	G9422-10G	
Biebrich Scarlet	EKI	2248-25G	
Biotin	Millipore-Sigma	B4501-100MG	
Bouin's fixative	NewComerSupply	1020A	
Bovine serum albumin	Calbiochem	12659	stored at 4 °C
Cell detachment solution	Accutase	AT104	
Bell strainer (70 mm)	Corning	352350	
Dexamethasone	Millipore-Sigma	D4902-100MG	
DMEM	Corning	10-013-CV	4.5 g/L glucose, L-glut and pyruvate
DMEM/F12 medium	ThermoFisher	10565-042	high glucose, glutamax, sodium bicarbonate
DMSO	Millipore-Sigma	D2650	
Fetal bovine serum	Atlanta Biologicals	S11550	
FGF2	Peptotech	100-18B	
Formalin	NewComerSupply	1090	
Gelatin, bovine skin	Millipore-Sigma	G9391-500G	
Glutamax	ThermoFisher	35050061	glutamine supplement
HBSS	Lonza	10-547F	
IBMX	Millipore-Sigma	I5879-250MG	
Insulin solution	Millipore-Sigma	I9278-5ML	
Oil red O	Millipore-Sigma	O0625-100G	
Pantothenic acid	Millipore-Sigma	P5155-100G	
Penicillin-streptomycin solution	ThermoFisher	15240062	100ml
Permout	Fisher	SP15-500	
Phosphotungstic/phosphomolybdic acid solution	Millipore-Sigma	P4006-100G/221856-100G	

Primocin	Invivogen	ant-pm-1	Antimicrobial reagent for culture media.
Rosiglitazone	Millipore-Sigma	R2408-10MG	
TGFb1	Peprtech	100-21	
Weigert's hematoxylin	EKI	4880-100G	