

Materials List for:

Mesenchymal Stem Cell Isolation from Pulp Tissue and Co-Culture with Cancer Cells to Study Their Interactions

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Materials

Name	Company	Catalog Number	Comments
DMEM	Invitrogen	11885084	For cell culture
FBS	Invitrogen	16000044	For cell culture
PSA	Lonza	17-745E	For cell culture
Trypsin	Invitrogen	25200056	For cell dissociation
PBS	Invitrogen	10010023	For washes
Dexamethasone	Sigma	D4902	Component of differentiation media
β-Glycerophosphate	Sigma	G9422	Component of osteogenic differentiation medium
Ascorbic acid	Sigma	A4544	Component of osteo- and chondrogenic differentiation medium
Insulin-Transferrin-Selenium (ITS -G)	Invitrogen	41400045	Component of chondrogenic differentiation medium
TGF-β	Sigma	SRP3171	Component of chondrogenic differentiation medium
Insulin	Sigma	I6634	Component of adipogenic differentiation medium
Isobutyl-1-methylxanthine (IBMX)	Sigma	I7018	Component of adipogenic differentiation medium
Indomethacin	Sigma	I7378	Component of adipogenic differentiation medium
MTS Reagent	Promega	G3582	Cell viability analyses
TUNEL Assay	Sigma	11684795910	Apoptotic analyses
24-well plate inserts	Corning	3396	For trans-well migration assay
PKH67	Sigma	PKH67GL	For co-culture cell staining
PKH26	Sigma	PKH26GL	For co-culture cell staining
Paraformaldehyde	Sigma	P6148	For cell fixation
von Kossa Kit	BioOptica	04-170801.A	For cell staining (differentiation)
Alcian blue	Sigma	A2899	For cell staining (differentiation)