

Materials List for:

Efficient Derivation of Retinal Pigment Epithelium Cells from Stem Cells

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Materials

Name	Company	Catalog Number	Comments
Corneal knife	Surgipro	SPOI-070	knife x 1
DMEM/F-12, HEPES	Life Technologies	11330-032	500 ml x 4
Dulbecco's Phosphate-Buffered Saline, 1X w/out Ca or Mg	VWR	45000-434	500 ml x 6
Fetal Bovine Serum, Regular (Heat Inactivated)	VWR	45000-736	500 ml x 1
FGF-Basic (AA 10-155) Recombinant Human Protein	Life Technologies	PHG0021	100 µg x 1
IDE-1	Stemgent	04-0026	2 mg x 1
Knockout DMEM	Life Technologies	10829-018	500 ml x 1
KnockOut Serum Replacement	Life Technologies	10828-028	500 ml x 1
L-Glutamine 200 mM	Life Technologies	25030-081	100 ml x 1
MEM Non-Essential Amino Acids Solution 100X	Life Technologies	11140-050	100 ml x 1
Nicotinamide	Sigma-Aldrich	N0636-100G	100 g x 1
Penicillin-Streptomycin (10,000 U/ml)	Life Technologies	15140-148	20 ml x 1
Recombinant Human/Murine/Rat Activin A	PeptoTech	120-14E	10 µg x 2
Synthemax-T Surface 6 Well Plates	Corning	3877	Case(12) x 1
TrypLE-Express Enzyme (1X), no phenol red	Life Technologies	12604-021	500 ml x 1
Vacuum Filter/Storage Bottle System, 0.1µm pore, 500ml	Corning	431475	Case(12) x 1