

Materials List for:

Defined Xeno-free and Feeder-free Culture Conditions for the Generation of Human iPSC-derived Retinal Cell Models

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Materials

Name	Company	Catalog Number	Comments
Vitronectin (VTN-N) Recombinant Human Protein, Truncated	ThermoFisher Scientific	A14700	Coating
CTS Vitronectin (VTN-N) Recombinant Human Protein, Truncated	ThermoFisher Scientific	A27940	Coating
Essential 8 Medium	ThermoFisher Scientific	A1517001	medium
Essential 6 Medium	ThermoFisher Scientific	A1516401	medium
CTS (Cell Therapy Systems) N-2 Supplement	ThermoFisher Scientific	A1370701	supplement CTS
N-2 Supplement (100X)	ThermoFisher Scientific	17502048	supplement
B-27 Supplement (50X), serum free	ThermoFisher Scientific	17504044	supplement
CTS B-27 Supplement, XenoFree	ThermoFisher Scientific	A1486701	supplement CTS
DMEM/F-12	ThermoFisher Scientific	11320074	medium
MEM Non-Essential Amino Acids Solution (100X)	ThermoFisher Scientific	11140035	supplement
Penicillin-Streptomycin (10,000 U/ mL)	ThermoFisher Scientific	15140122	antibiotic
CellStart CTS	ThermoFisher Scientific	A1014201	Matrix CTS
Geltrex hESC-Qualified, Ready-To-Use, Reduced Growth Factor Basement Membrane Matrix	ThermoFisher Scientific	A1569601	Matrix
Gentle Cell Dissociation Reagent	Stemcell Technologies	7174	dissociation solution
Cryostem Freezing Media	clinisciences	05-710-1D	Cryopreservation medium
Fibroblast growth factor 2 (FGF2)	Preprotech	100-18B	FGF2
Fibroblast growth factor 2 (FGF2) animal free	Preprotech	AF-100-18B	FGF2 Xeno free
AGANI needle 23G	Terumo	AN*2332R1	Needle
Flask 25 cm ² Tissue Culture Treated	Falcon	353109	T-25 cm ²
24 well plate Tissue Culture Treated	Costar	3526	24-well plate
6 well plate Tissue Culture Treated	Costar	3516	6-well plate