

Materials List for:

# Engineering Transplantation-suitable Retinal Pigment Epithelium Tissue Derived from Human Embryonic Stem Cells

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## Materials

Name	Company	Catalog Number	Comments
Sterile biosafety cabinet	TechGen International	Not applicable	
Liquid waste disposal system for aspiration	Vacuubrand	BVC 21	
CO <sub>2</sub> -controlled +37 °C cell incubator	Thermo Electron Corporation	BVC 21 NT	
200 µL pipette: P200	Gilson	F144565	
1 mL pipette: P1000	Gilson	F144566	
Pipet aid	Drummond	75001	
+4 °C refrigerator	Liebherr	Not applicable	
Vibratome	Leica	VT1000S	
Fine scissors	WPI	501758	
Forceps (x2)	WPI	555227F	
Water bath	Grant subaqua pro	SUB6	
Precision balance	Sartorius	CP225D	
Centrifuge	Eppendorff	5804	
Microscope	Olympus	SC30	
Horizontal Rocking Shaker	IKA-WERKE	IKA MTS 214D	
Vortex	VWR	LAB DANCER S40	
Disposable Scalpel	WPI	500351	
plastic paraffin film	VWR	PM992	
0.200 µm single use syringe filter	SARTORIUS	16532	
Syringe without needle 50 mL	Dutscher	50012	
Bottles 250 mL	Dutscher	28024	
15 mL sterile Falcon tubes	Dutscher	352097	
50 mL sterile Falcon tubes	Dutscher	352098	
culture insert	Scaffdex	C00001N	
60 mm cell culture dishes: B6	Dutscher	353004	
12 well cell culture plate	Corning	3512	
6-well culture plates	Corning	3506	
Razor blades	Ted Pella, Inc	121-9	
Cyanoacrylate glue	Castorama	3178040670105	

PBS 1x (500 mL)	Sigma	D8537	
Thermolysine	Roche	5339880001	
DMEM, high glucose, GlutaMAX	Invitrogen	61965-026	
KSR CTS (KnockOut SR XenoFree CTS)	Invitrogen	12618-013	
MEM-NEAA (100x)	Invitrogen	11140-035	
b-mercaptoethanol (50 mM)	Invitrogen	31350-010	
Penicillin/Streptomycin	Invitrogen	15140122	
CO <sub>2</sub> -independent medium	GIBCO	18045-054	
Gelatin	MERCK	104078	
human amniotic membrane	Tissue bank St Louis hospital (Paris, France)	Not applicable	