

Materials List for:

Culturing of Retinal Pigment Epithelial Cells on an *Ex Vivo* Model of Aged Human Bruch's Membrane

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Materials

Name	Company	Catalog Number	Comments
Human donor globes	National Disease Research Interchange, NDRI		
Dulbecco's modified eagle medium (DMEM)	Thermo Fisher Scientific	11995-065	
Carbon-dioxide independent media	Thermo Fisher Scientific	18045-088	
60-mm polystyrene petri dish	Corning Inc.	351007	
Dulbecco's phosphate buffered saline, PBS	Thermo Fisher Scientific	14190144	
Hydrophobic 65 µm-thick polytetrafluoroethylene membrane with 0.2 µm pores	Merck Millipore	JGWP04700	
Fisherbrand glass microanalysis vacuum filter holder system	Thermo Fisher Scientific	09-753-102	
Agarose	Sigma-Aldrich	A2576-5G	
35 × 10mm culture dish	VWR International	25373-041	
Trepine	Accutome	AM0570 60	
96 well plate	Corning Inc.	3595	
Minimum essential media (MEM)	Thermo Fisher Scientific	11095-080	
Penicillin G	Sigma-Aldrich	P3032-1MU	
Streptomycin	Sigma-Aldrich	S6501	
Gentamicin	Sigma-Aldrich	G1914	
Amphotericin B	Sigma-Aldrich	1397-89-3	
Ammonium hydroxide solution	Sigma-Aldrich	1336-21-6	