

Materials List for:

# Whole Retinal Explants from Chicken Embryos for Electroporation and Chemical Reagent Treatments

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## Materials

Name	Company	Catalog Number	Comments
1xPBS (tablet)	Life technologies	18912-014	
10x DPBS	Life technologies	14080-048	
100 mm Petri dish	VWR	734-0006	
100 µl pipette tips	VWR	613-0798	
1.5 ml disposable plastic cuvette	Thomas Scientific	8495V01	
24-well plate	Sigma Aldrich	D7039	
35 mm Petri dish	VWR	391-1998	
70% ethanol	Solveco	1054	
Cdk1/2 inhibitor III	217714	Calbiochem	300 nM in 0.01% DMSO
Cell culture incubator	Thermo Forma		
Dissecting microscope	Leica		
DMEM	Life Technologies	41966-029	
Electrodes			Platina, custom made
Electro square porator ECM 830	Harvard Apparatus		
F12 Nutrient mix	Life Technologies	31331-028	
FBS	Life Technologies	16140-071	
Forceps	AgnThos	0108-5-PS	
Freezing medium NEG50	Cellab, Sweden	6502	
GFP expressing DNA plasmid (pZGs)			
Humidified incubator	Grumbach Brutgeraete GmbH, Asslar, Germany	8204	
Insulin	Sigma Aldrich	I9278-5ML	
L-glutamine	Life Technologies	25030024	
Mounting medium ProLong Gold with DAPI	Life Technologies	P36935	
Paraffin film	VWR	291-1214P	
Paraformaldehyde	Sigma Aldrich	16005-1KG-R	
Peel-A-Way embedding mold	Sigma Aldrich	E6032	
Penicillin streptomycin	Life Technologies	15140-122	
PhosphoHistone 3 (PH3)	Millipore	06-570	Dilution 1/4,000
Platinum electrodes (custom made from "rondelles")	Sargenta	390-R (rondeller)	Dia: 4mm, 0.1 mm thickness
Platinum electrodes	Sonidel	CUY700P4L	Dia: 4 mm
Polyethylene pasteur pipette	VWR	612-2853	

Rotator shaker	VWR	444-2900	
Small spoon	VWR	231-2151	
Sucrose	VWR	443815S	
White Leghorn eggs			Local supplier
Wine cooler	WineMaster 24, Caso, Berlin Germany		