

Materials List for:

Healthy Brain-pituitary Slices for Electrophysiological Investigations of Pituitary Cells in Teleost Fish

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Materials

Name	Company	Catalog Number	Comments
Vibratome	Leica	VT1000 S	
Chirurgical glue	WPI	VETBOND	3M Vetbond Tissue Adhesive
Stainless steel blades	Campden Instruments	752-1-SS	
metal molds	SAKURA	4122	
steel harp	Warner instruments	64-1417	
PBS	SIGMA	D8537	
Ultrapure LMP agarose	invitrogen	166520-100	
patch pipettes	Sutter Instrument	BF150-110-10HP	Borosilicate with filament O.D.:1.5 mm, I.D.:1.10 mm
Microscope Slicescop	Scientifica	pro6000	
P-Clamp10	Molecular Devices	#1-2500-0180	software
Digitizer Digidata 1550A1	Molecular Devices	DD1550	
Amplifier Multiclamp 700B Headstage CV-7B	Molecular Devices	1-CV-7B	
GnRH	Bachem	4108604	H-Glu-His-Trp-Ser-His-Gly-Leu-Ser-Pro-Gly-OH trifluoroacetate salt
pipette puller	Sutter Instrument	P-1000	
amphotericin B	SIGMA	A9528	pore-forming antibiotic
polyethylenimine	SIGMA	P3143	50% PEI solution
microfiler syringe	WPI	MF28/g67-5	
glass for the agar bridge	Sutter Instrument	BF200-116-15	Borosilicate with filament O.D.:2.0 mm, I.D.:1.16 mm Fire polished
Micro-Manager software			Open Source Microscopy Software
optiMOS sCMOS camera	Qimaging	01-OPTIMOS-R-M-16-C	
sonicator	Elma	D-7700 singen	
NaCl	SiGMA	S3014	
KCl	SiGMA	P9541	
MgCl ₂	SiGMA	M8266	
D-Glucose	SiGMA	G5400	
Hepes	SiGMA	H4034	
CaCl ₂	SiGMA	C8106	
Sucrose	SiGMA	84097	
D-mannitol	SiGMA	63565	

MES-acid	SIGMA	M0895	
BSA	SIGMA	A2153	