

Materials List for:

Ex utero Electroporation and Whole Hemisphere Explants: A Simple Experimental Method for Studies of Early Cortical Development

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URL: <https://www.jove.com/video/50271>

DOI: [doi:10.3791/50271](https://doi.org/10.3791/50271)

Materials

Name	Company	Catalog Number	Comments
Reagents			
DMEM/F12 + GlutaMAX	GIBCO	10565	
G5 Supplement 100X	Invitrogen	17503-012	
B27 Serum-Free Suppl. 50X	Invitrogen	1504-044	
Pen / Strep Liquid 100X	Invitrogen	15140-122	
HBSS 500 ml	GIBCO	14025	
Culture insert collagen coated	Costar	3492	
Bovine skin gelatin	Sigma	G9382	
H-chst 33342	Invitrogen	H1399	
Bovine Serum Albumin	Sigma	7906	
EndoFree Plasmid Maxi Kit	Qiagen	12362	
Equipment			
BTX 830 Electroporator	Harvard Apparatus	450052	
Tweezer electrodes 10mm	Harvard Apparatus	450166	
Incubator	Billups Rothenberg	MIC-101	
Hamilton syringe (5uL)	Hamilton	87930	
Hamilton syringe needle	Hamilton	7803-04	Specify 1" and style 4
Dumont #5 Forceps	FST	11251-10	
Fine Scissors Tough Cut 9 cm	FST	14058-09	