

Materials List for:

Visualization and Genetic Manipulation of Dendrites and Spines in the Mouse Cerebral Cortex and Hippocampus using *In utero* Electroporation

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Materials

Name	Company	Catalog Number	Comments
Preparation of needles and DNA solution for injection			
Endofree Plasmid Maxi Kit	Qiagen	12362	
Fast Green	Sigma	F-7258	
Borosilicate glass capillaries 1.0 mm O.D. x 0.58 mm I.D.	Harvard Apparatus	30-0016	
Microloader tips	Eppendorf	5242956003	For Eppendorf pipettes 0.5 µl-10 µl / 2-20 µl
Material for surgery			
Extra thin Iris scissors	Fine Science Tools	14088-10	
Curved Forceps	Fine Science Tools	91197-00	
Ring forceps	Fine Science Tools	11103-09	
Needle holder	Fine Science Tools	12002-12	
Graefe Forceps	Fine Science Tools	11050-10	
Vicryl absorbable suture	Ethicon Inc (Johnson Johnson)	W9074	
Sterile drapes 30cm x 45 cm	Buster	141765	
Sterile swabs	Shermond	HUBY-340	
Cotton buds	Clean Cross Co., Ltd	1860	
Buprenorphine (Vetergesic)	Alstoe Animal Health		
Clorhexidine	Vetasept	XHG007	
Eye gel Viscotears	Novartis		
Isoflurane	Abbott Laboratories	B506	
Pentoject, Pentobarbitone Sodium 20%	Animalcare		
Electroporation			
Electroporator	BTX	ECM830	
Platinum Tweezertrode 5mm	BTX, Harvard Apparatus	45-0489	
Femtojet microinjector	Eppendorf	5247000030	
Foot Control for Femtojet Microinjector	Eppendorf	5247623002	
Capillary holder	Eppendorf	5176190002	
Tissue processing			
Paraformaldehyde	Sigma	P6148	
Sucrose	VWR (Prolabo)	27480.294	
Microscope slides	ThermoScientific (Menzel-Gläser)	J1800AMNZ	

Coverslips	Menzel-Gläser		22 x 50 mm #1,5
Aqua Poly/mount	Polysciences, Inc	18606	