

Materials List for:

In vivo Postnatal Electroporation and Time-lapse Imaging of Neuroblast Migration in Mouse Acute Brain Slices

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Materials

Name	Company	Catalog Number	Comments
Millicell	Millipore	PICMORG50	
35 mm Glass bottom culture dish	MatTek	P35G-0-14-C	
Gey's Balanced media	Sigma	G9779-500ML	
Glucose, 45%	Sigma	G8769-100ML	
HEPES	Sigma	H3375-25G	
Pen/Strep	GIBCO	15140-122	
FCS	GIBCO	10109-163	
B27 supplement	Invitrogen Life Technologies	17504044	
L-Glutamine	Invitrogen Life Technologies	25030-081	
DMEM (phenol red-free)	GIBCO	31053-028	
Fast Green	Sigma	F7252-5G	
Glass capillaries for injection	Harvard Apparatus	30-0057	
Aspirator tube	Sigma	A5177	
Sutter P-97 capillary puller	Sutter Instrument	P-97	
ECM830 Square Wave Electroporator	Harvard Apparatus	45-0052	
Platinum Tweezertrodes 7 mm	Harvard Apparatus	45-0488	
Footswitch Model 1250F	Harvard Apparatus	45-0211	
Gel for electrodes	Cefar Compex	6602048	
Isoflurane	Merial	AP/DRUGS/220/96	
Vibratome	Leica	VT1000S	
Glue	Roti coll	Roti coll 1	
UltraVIEW VoX spinning disk system	Perkin Elmer		Customized setup (multiple laser sources can be used) equipped with Hamamatsu ORCA R2 C10600-10B CCD camera
Volocity software	Perkin Elmer		Acquisition, Quantitation, Visualization Modules
Environmental chamber for microscopy	Solent Scientific		Custom-made
Ti-E inverted microscope	Nikon		CFI Super Plan Fluor ELWD 20X/0.45 NA objective is recommended for the application described in this paper