

Materials List for:

Transplantation of Chemogenetically Engineered Cortical Interneuron Progenitors into Early Postnatal Mouse Brains

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Materials

Name	Company	Catalog Number	Comments
Medium/Supplements			
B-27	GIBCO (ThermoFisher Scientific)	175040-044	
DMEM/F12	GIBCO (ThermoFisher Scientific)	21331-020	
DNase	SIGMA	DN15-100MG	
FBS	GIBCO (ThermoFisher Scientific)	10270-098	
100x Glutamine	GIBCO (ThermoFisher Scientific)	35050-061	
L15	GIBCO (ThermoFisher Scientific)	11415-049	
MEM alpha, GlutaMAX	GIBCO (ThermoFisher Scientific)	32561-029	
Neurobasal medium	GIBCO (ThermoFisher Scientific)	21103-049	Neuron basic medium
100x P/S	GIBCO (ThermoFisher Scientific)	15140-122	
Equipment			
Electroporator	BTX	ECM 830 generator	
Injector for acute slice electroporation	Eppendorf	FemtoJet Microinjector	
Injector for cell transplantation (I)	Visual Sonics	Vevo Injector System	
Injector for cell transplantation (II)	WPI	NANOLITER2010	
Magnetic Stand	WPI	M10L Magnetic Stand	
Kite Manual Micromanipulator	WPI	KITE-M3-R	
Platinum Electrode (I)	Protech International Inc.	CUY-700-1	
Platinum Electrode (II)	Protech International Inc.	CUY-700-2	
Steel Base Plate	WPI	5479	
Vibratome	Leica	VT1200S	
Other Material			
Glass capillaries for electroporation	VWR	1B100-4	
Glass capillaries for cell transplantation	Visual Sonics	provided by Visual Sonics	
Nuclepore 8 µm whatman membrane	SLS	110414	
Organ tissue culture dishes	BD Biosciences (Falcon)	353037	