

Materials List for:

Electroporation Method for In Vivo Delivery of Plasmid DNA in the Adult Zebrafish Telencephalon

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Materials

Name	Company	Catalog Number	Comments
Reagent/Material			
Fast Green	Sigma-Aldrich	F7258-25G	For coloring plasmid solution
MS222	Sigma-Aldrich	A5040-25G	MS222 should be stored at RT (up to two weeks) and protected from light
Ultrasound gel	SignaGel, Parker laboratories INC.	15-60	Electrode Gel
Equipment			
Air pump	TetraTec APS 50, 10l-60l		Can be bought in the pet shops
BTX Tweezertrodes Electrodes	Platinum Tweezertrode, BTX Harvard Apparatus	45-0486	1mm diameter
Electroporation device	BTX ECM830 Square Wave Electroporation System, BTX Harvard Apparatus	45-0662	
Injection device	FemtoJet 4i, Eppendorf	5252000013	
Standard Wall Borosilicate Glass Capillary	Warner Instruments	64-0766	Model No: G100-4
Microloader tips	Eppendorf	5242956003	
Micro-knife	Fine Science Tools	10056-12	
Joystick micromanipulator	Narishige Japan	MN - 151	
Needle holder	FemtoJet 4i, Eppendorf	5252000013	Needle holder comes together with the injection device
Needle pulling device	Narishige Japan	Model No: PC-10	The PC-10 was discontinued by Narishige in 2017 and replaced by the PC-100
Petri dishes	Greiner Bio-One International	633161	