

Materials List for:

Microinjection-based System for In Vivo Implantation of Embryonic Cardiomyocytes in the Avian Embryo

Trevor Henley¹, Kandace Thomas¹, Michael Bressan¹

¹Department of Cell Biology and Physiology, McAllister Heart Institute, University of North Carolina at Chapel Hill

Correspondence to: Michael Bressan at michael_bressan@med.unc.edu

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Materials

Name	Company	Catalog Number	Comments
1 mL Insulin Syringe	BD	329654	
1.7 mL Microtubes, Clear	Genesee Scientific	24-282	
10 mL Syringe	BD	305482	
1000ul Reach Barrier Tip Racked, Sterile	Genesee Scientific	24-430	
15 mL Centriguge Tubes, Racked	Genesee Scientific	28-101	
1588 Genesis Hova-Bator Incubator	GQF	813927021221	
18G x 1 1/2 Needle	BD	305196	
200ul Barrier Tip Low Binding, Racked, Sterile	Genesee Scientific	24-412	
32G x 1/2" Needle	TSK Steriject Air-Tite	TSK3213	
Alcohol Wipes 70%	Thermo Fisher Scientific	19015744	
Angled Forceps	Fine Scientific Tools	11260-20	
Backloading Tips	Eppendorf	930001007	
Black India Ink	KOH-I-NOOR	3084-F	
CellTracker Green CMF	Thermo Fisher Scientific	C7025	1 mM in DMSO
CellTracker Red CMTPX	Thermo Fisher Scientific	C34552	1 mM in DMSO
Centrifuge	Eppendorf	5424R	
Commercial Grade Packing Tape	Staples	2619001	
Curved Tenotomy Scissors	Fine Scientific Tools	14067-11	
DMEM/F12	Thermo Fisher Scientific	11330-032	
DMSO, anhydrous	Thermo Fisher Scientific	D12345	
DPBS (10X), no calcium, no magnesium	Thermo Fisher Scientific	14025092	
Femtojet 4i	Eppendorf	5252000021	
Fetal Bovine Serum	Thermo Fisher Scientific	10437-028	
Hatching Eggs	Pilgrim's Hatchery	--	
HBSS, calcium, magnesium, no phenol red	Thermo Fisher Scientific	14025-092	
Injectman 4	Eppendorf	5192000027D	
Micromanipulator	Leica Microsystems	--	
Parafilm	SIGMA	P6543-1EA	
Paraformaldehyde 32% in aqueous solution, EM Grade	VWR	100496-496	
Penicillin/Streptomycin	Thermo Fisher Scientific	15140-022	

Petri Dish	Genesee Scientific	32-107	
Pipette Grinder	Narishige	EG-44	
Pipette Puller	HEKA	PIP 6	
Scotch Transparent Tape	Staples	487909	
Sigmacote	SIGMA	SL2-25ML	
Stereo Microscope	Leica	--	
ThermoMixer C	Eppendorf	5382000023	
Thin Wall Glass Capillaries	World Precision Instruments	TW100F-4	
Transfer Pipette	Thermo Fisher Scientific	273	
Trypsin-EDTA (0.05%), phenol red	Thermo Fisher Scientific	25300-054	