

Materials List for:

Intrathoracic Injection for the Study of Adult Zebrafish Heart

Thomas Bise¹, Anna Jaźwińska¹

¹Department of Biology, University of Fribourg

Correspondence to: Anna Jaźwińska at anna.jazwinska@unifr.ch

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Materials

Name	Company	Catalog Number	Comments
Hanks Balanced Salt Solution	Gibco by Life technology	14065-056	
Iridectomy scissor	Roboz Surgical Instruments Co	RS-5602	
Macroscope (binocular)	M400		with Apozoom
Micro-injector femtojet	Eppendorf	5247 0034 77	
Microloaders femtotips	Eppendorf	5242 956.003	
Micropipette glass needles type C	WPI	TW100F-6	thin-wall capillary
Micropipette puller model P-87	Flaming/Brown	20081016	filament box 2.5 mm x 4.5 mm
Sponge	any	any	dim. carved sponge 7cm x 3 cm x 1 cm
Tricaine (Anesthetic)	Sigma	E10521	
Dyes and Antibodies	Company	Catalog Number	Comments
anti-Chicken Cy5	Jackson ImmunoResearch Laboratories		Concentration: 1/500
anti-Guinea pig Cy5	Jackson ImmunoResearch Laboratories		Concentration: 1/500
anti-Rabbit Cy5	Jackson ImmunoResearch Laboratories		Concentration: 1/500
Chicken I-plastin	gift from P. Martin, Bristol		Concentration: 1/1,000
DAPI	Sigma	10236276001	Concentration: 1/2,000 (1µg/ml); 1/100 IT injected
Guinea pig anti-ColXII	gift from Florence Ruggerio, Lyon		Concentration: 1/500
Phalloidin-Atto-565 (F-actin)	Sigma	94072	Concentration: 1/500
Phalloidin-Atto-647 (F-actin)	Sigma	95906	Concentration: 1/50 IT injected
Rabbit anti-MCM5	gift from Soojin Ryu, Heidelberg		Concentration: 1/500
Stamping Ink 4K	Pelikan	1 4k 351 197	Concentration: 1/1
ISH probe primers			
Cystatin			gene number: ENSDARG00000074425 fw primer: GATTCAGTGTGGGTTTGGG Rev primer: ATTGGGTCCATGGTGACCTC