

Materials List for:

A Time Differential Staining Technique Coupled with Full Bilateral Gill Denervation to Study Ionocytes in Fish

Velislava Tzaneva¹, Steve F. Perry¹

¹Department of Biology, University of Ottawa

Correspondence to: Velislava Tzaneva at vtzan032@uottawa.ca

URL: <https://www.jove.com/video/52548>

DOI: [doi:10.3791/52548](https://doi.org/10.3791/52548)

Materials

Name	Company	Catalog Number	Comments
MitoTracker Red	Life Technologies	M-7512	
Dimethyl sulfoxide	Sigma Aldrich	D2650	
α-5 primary antibody	Develompental Hybridoma Bank	a5	
zn12 primary antibody	Develompental Hybridoma Bank	zn12	
Alexa Fluor 488 (anti mouse)	Life Technologies	A-11001	
Benzocaine	Sigma Aldrich	E1501	4-aminobenzoic acid ethyl ester, ethyl 4-aminobenzoate
Vannas spring scissors	Fine Science Tools	15000-10	
Standard pattern forceps	Fine Science Tools	11000-12	straight
Standard pattern forceps	Fine Science Tools	11001-12	curved
Dumont No. 5 forceps	Fine Science Tools	11252-30	
Tissue retractor	Fine Science Tools	17009-07	
Paraformaldehyde	Sigma Aldrich	P6148	
Triton X	Sigma Aldrich	X100	
Vectashield with DAPI	Vector Laboratories	H-1200	