

Materials List for:

A Simple Behavioral Assay for Testing Visual Function in *Xenopus laevis*

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Materials

Name	Company	Catalog Number	Comments
1/2 Gallon Flex-Tank with Cover	eNasco	SB19271M	Size: 5-3/8" x 7" x 3-3/4"
Black electrical tape			
White tissue paper			
Large inoculating turntable	VWR	50809-022	Size: Dia 114.3 x H 76.2 mm (4 1/2 x 3")
Durasorb underpad	VWR	82004-836	Size: 43.2 x 60.1 cm (17 x 24")
Kimwipe	Krackeler Scientific, Inc.	1945-34155-CS	
Standard tripod		Various	
iSight camera or webcam	Apple	M8817LL/A	Good for larger tadpoles but small ones are difficult to see
Portable computer	Apple/PC	Various	We used a 13" MacBook, 2 GHz Intel Core 2 Duo running MacOSX Lion 10.7.5
MiniDV handycam camcorder	SONY	DCR-HC42	Connected by firewire to the computer with a 6-conductor and 4-conductor alpha FireWire 400
Handycam station	SONY	DCRA-C121	This can be used for connecting firewire to camera
QuickTime Player software	Quicktime	Version 10.1	
26 G Needle (5/8" length)	VWR	BD305115	
Dumont #5 Forceps	Fine Science Tools	11295-10	
Disposables			
Gentamicin sulfate [50 mg/ml]	Fisher Scientific	17-528Z	Stored at RT
Sylgard 184 silicone elastomer	Fisher Scientific	NC9644388	
Instant ocean	Doctors Foster and Smith	CD-116528	Stock solution = 100 g/L stored at RT
Sodium phosphate dibasic	Sigma Aldrich	S0876	Stock solution = 0.4 M stored at RT
<i>In vitro</i> fertilized embryos	eNasco	LM00490MX	100 embryos/unit