

Materials List for

# Using Chicken Embryo as a Powerful Tool in Assessment of Developmental Cardiotoxicities

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## Citation

Jiang, Q., Xu, X., DeWitt, J.C., Zheng, Y. Using Chicken Embryo as a Powerful Tool in Assessment of Developmental Cardiotoxicities. *J. Vis. Exp.* (169), e62189, doi:10.3791/62189 (2021).

## Date Published

March 21, 2021

## DOI

10.3791/62189

## URL

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## Materials

Name	Company	Catalog Number	Comments
4% phosphate buffered formaldehydefixative	Biosharp, Hefei, China	REF: BL539A	
75% ethanol	Guoyao, Shanghai, China	CAS:64-17-5	
Biosignaling monitor BL-420E+	Taimeng, Chengdu, China	BL-420E <sup>+</sup>	
Candling lamp	Zhenwei, Dezhou, China	WZ-001	
Disposable syringe	Zhiyu, Jiangsu, China		
Egg incubator	Keyu, Dezhou, China	KFX	
Electrical balance	OHAUS, Shanghai, China	AR 224CN	
Electro-thermal incubator	Shenxian, Shanghai, China	DHP-9022	
Ethanol absolute	Guoyao, Shanghai, China	CAS:64-17-5	
Fertile chicken egg	Jianuo, Jining, China		
Hematoxylin and Eosin Staining Kit	Beyotime, Beijing, China	C0105	
Histology paraffin	Aladdin, Shanghai, China	P100928-500g	Melt point 52~54°C
Histology paraffin	Aladdin, Shanghai, China	P100936-500g	Melt point 62~64°C
IV catheter	KDL, Zhejiang, China		The catheters have to be soft, plastic ones.
Lentivirus	Genechem, Shanghai, China		The lentivirus were individually designed/synthesized by Genechem.
Masson's trichrome staining kit	Solarbio, Beijing, China	G1340	
Metal probe	Jinuotai, Beijing, China		
Microinjector (5 uL)	Anting, Shanghai, China		
Microscope	CAIKON, Shanghai, China	XSP-500	
Microtome	Leica, Germany	HistoCore BIOCUT	
Microtome blade	Leica, Germany	Leica 819	
Pentobarbital sodium	Yitai Technology Co. Ltd., Wuhan, China	CAS: 57-33-0	
Pipetter(10ul)	Sartorius, Germany		
Povidone iodide	Longyuquan, Taian, China		
Scissor	Anqisheng, Suzhou, China		

Sterile saline	Kelun, Chengdu, China		
Sunflower oil	Mighty Jiage, Jiangsu, China		Any commercial sunflower oil for human consumption should work
Tape	M&G, Shanghai, China		
Tedlar PVF Bag (5L)	Delin, Dalian, China		
Vortex mixer	SCILOGEX, Rocky Hill, CT, US	MX-F	
Xylene	Guoyao, Shanghai, China	CAS:1330-20-7	