

Materials List for:

Three-Dimensional Reconstruction of the Vascular Architecture of the Passive CLARITY-Cleared Mouse Ovary

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URL: <https://www.jove.com/video/56141>

DOI: [doi:10.3791/56141](https://doi.org/10.3791/56141)

Materials

Name	Company	Catalog Number	Comments
Acrylamide	Vetec	v900845	http://www.sigmaaldrich.com/catalog/product/vetec/v900845
Alexa Flour 488 (Dilution 1:50)	Life Technologies	A11039	https://www.thermofisher.com/antibody/product/Goat-anti-Chicken-IgY-H-L-Secondary-Antibody-Polyclonal/A-11039
Alexa Flour 594 (Dilution 1:50)	Life Technologies	A11012	https://www.thermofisher.com/antibody/product/Goat-anti-Rabbit-IgG-H-L-Cross-Adsorbed-Secondary-Antibody-Polyclonal/A-11012
Bisacrylamide	Amresco	172	http://www.amresco-inc.com/BIS-ACRYLAMIDE-0172.cmsx
Black wall glass bottom dish (Willco-Dish)	Ted Pella	14032	http://www.tedpella.com/section_html/706dish.htm#black_wall
Boric acid	Sinopharm Chemical Reagent	10004818	http://en.reagent.com.cn/enshowproduct.jsp?id=10004818
Disodium hydrogen phosphate dodecahydrate (Na ₂ HPO ₄ 12H ₂ O)	Sinopharm Chemical Reagent	10020318	http://en.reagent.com.cn/enshowproduct.jsp?id=10020318
FocusClear	Celexplorer	FC-102	http://www.celexplorer.com/product_list.asp?MainType=107&BRDarea=1
Parafilm	Bemis	PM996	http://www.parafilm.com/products
Paraformaldehyde	Sinopharm Chemical Reagent	80096618	http://en.reagent.com.cn/enshowproduct.jsp?id=80096618
PECAM1/CD31, platelet-endothelial cell adhesion molecule 1 (Dilution 1:10)	Abcam	ab28364	http://www.abcam.com/cd31-antibody-ab28364.html
Photoinitiator VA044	Wako	va-044/225-02111	http://www.wako-chem.co.jp/specialty/waterazo/VA-044.htm
Sodium azide	Sigma	S2002	http://www.sigmaaldrich.com/catalog/product/sial/s2002?lang=en&region=US
Sodium chloride (NaCl)	Sinopharm Chemical Reagent	10019318	http://en.reagent.com.cn/enshowproduct.jsp?id=10019318
Sodium dihydrogen phosphate dihydrate (NaH ₂ PO ₄ 2H ₂ O)	Sinopharm Chemical Reagent	20040718	http://en.reagent.com.cn/enshowproduct.jsp?id=20040718
Sodium dodecyl sulfate	Sinopharm Chemical Reagent	30166428	http://en.reagent.com.cn/enshowproduct.jsp?id=30166428

Sodium hydroxide (NaOH)	Sinopharm Chemical Reagent	10019718	http://en.reagent.com.cn/enshowproduct.jsp?id=10019718
Triton X-100	Sinopharm Chemical Reagent	30188928	http://en.reagent.com.cn/enshowproduct.jsp?id=30188928
Tyrosine hydroxylase (TH, Dilution 1:50)	Abcam	ab76442	http://www.abcam.com/tyrosine-hydroxylase-phospho-s40-antibody-ab51206.html