

Materials List for:

Imaging Serotonergic Fibers in the Mouse Spinal Cord Using the CLARITY/CUBIC Technique

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URL: <https://www.jove.com/video/53673>

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Materials

Name	Company	Catalog Number	Comments
Photoinitiator VA044	Wako	va-044/225-02111	http://www.wako-chem.co.jp/specialty/waterazo/VA-044.htm
40% acrylamide solution	Bio Rad	161-0140	http://www.bio-rad.com/en-au/sku/161-0140-40-acrylamide-solution
2% Bis Solution	Bio Rad	161-0142	http://www.bio-rad.com/en-au/sku/161-0142-2-bis-solution?parentCategoryGUID=5e7a4f31-879c-4d63-ba0b-82556a0ccf1d
paraformaldehyde	Sigma	158127	http://www.sigmaaldrich.com/catalog/product/sial/158127?lang=en&region=AU
urea	Merck Millipore	66612	http://www.merckmillipore.com/AU/en/product/Urea---CAS-57-13-6---Calbiochem,EMD_BIO-66612
N,N,N',N'-tetrakis (2-hydroxypropyl) ethylenediamine	Merck Millipore	821940	http://www.merckmillipore.com/AU/en/product/Ethylenediamine-N,N,N',N'-tetra-2-propanol,MDA_CHEM-821940
Triton-X 100	Merck Millipore	648462	http://www.merckmillipore.com/AU/en/product/TRITON-X-100-Detergent---CAS-9002-93-1---Calbiochem,EMD_BIO-648462
sucrose	Sigma	S0389	http://www.sigmaaldrich.com/catalog/product/sigma/s0389?lang=en&region=AU
serotonin antibody	Merck Millipore	AB938	http://www.merckmillipore.com/AU/en/product/Anti-Serotonin-Antibody,MM_NF-AB938
goat anti rabbit IgG (H+L) Secondary Antibody, Alexa Fluor® 594 conjugate	Life Technologies	A-11012	https://www.lifetechnologies.com/order/genome-database/antibody/Rabbit-IgG-H-L-Secondary-Antibody-Polyclonal/A-11012
multi-photon microscope	Leica	Leica TCS SP5 MP STED	http://www.leica-microsystems.com/products/confocal-microscopes/details/product/leica-tcs-sp5-mp/