

Materials List for:

In vivo Laser Axotomy in *C. elegans*

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URL: <https://www.jove.com/video/2707>

DOI: [doi:10.3791/2707](https://doi.org/10.3791/2707)

Materials

Name	Company	Catalog Number	Comments
0.05 µm Polystyrene Beads	Polysciences, Inc.	08691	
0.10 µm Polystyrene Beads	Polysciences, Inc.	00876	
Agarose GPG/LE	American Bioanalytical	00972	Ultra pure
Falcon 14 ml Polystyrene Round-Bottom Tube	BD Biosciences	352057	17 x 100 mm style, nonpyrogenic
Thermo Scientific Plain precleaned microscope slides	Erie Scientific	420-004T	3" x 1" x 1 mm
Cover Slips	VWR international	48366 205	18 mm x 18 mm No. 1 1/2
KIMTECH Science Kimwipes	Kimberly-Clark Corporation	34155	
BD Falcon 100 x 15mm Style Petri Dish	BD Biosciences	351029	
Tape blank 3/4w x 500L	TimeMed	T-512	
Immersion oil	Nikon Instruments		Type A, nd=1.515
EG1285 or CZ1200	Caenorhabditis Genetics Center	http://www.cbs.umn.edu/CGC/strains/	
OptiScan II	Prior Scientific		
NIS-Elements Ar or Br	Nikon Instruments		
MicroPoint Ablation Laser System	Photonic Scientific		
Compound microscope	Nikon Instruments	Eclipse 80i	
Hamamatsu Camera	Hamamatsu Corp.	Model C8484-05G01	
Dell Precision T3400 PC with Intel Core 2 Duo	Dell		
Windows XP Professional		Microsoft	Version 2002, Series Pack 3
Dual dry bath Incubator	Fisher Scientific		Analog controls
4X Plan Fluor objective	Nikon Instruments		
100X Plan Apo VC oil objective	Nikon Instruments		
Dumont #5/45 forceps	Dumont	11251-35	Dumoxel standard tips, can also use #7
Dissecting Microscope	Nikon Instruments	SMZ800	With NI-150 High Intensity Illuminator