

Materials List for:

# Single Wavelength Shadow Imaging of *Caenorhabditis elegans* Locomotion Including Force Estimates

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URL: <https://www.jove.com/video/51424>

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## Materials

Name	Company	Catalog Number	Comments
Tunable Helium-Neon laser	Research Electro-Optics	30602	Four wavelengths can be selected between 543 nm and 633 nm.
2 Front Surface Aluminum Mirrors	Thorlabs	PF10-03-F01	
High Speed Exilim Camera	Casio		
Quartz Cuvette	Starna Cells	21/G/5	
LoggerPro (Software)	Vernier		<a href="http://www.vernier.com/products/software/lp/">http://www.vernier.com/products/software/lp/</a>
Mathematica 8	Wolfram		<a href="http://www.wolfram.com/">http://www.wolfram.com/</a>
5x-10x variable zoom Galilean beam expander	Thorlabs	BE05-10-A	
Plano-convex lens with a positive focal length of 75 mm	Thorlabs	LA1257	