

Materials List for:

Quantitative Locomotion Study of Freely Swimming Micro-organisms Using Laser Diffraction

Jenny Magnes¹, Kathleen Susman², Rebecca Eells¹

¹Physics & Astronomy Department, Vassar College

²Biology Department, Vassar College

Correspondence to: Jenny Magnes at jemagnes@vassar.edu

URL: <https://www.jove.com/video/4412>

DOI: [doi:10.3791/4412](https://doi.org/10.3791/4412)

Materials

Name	Company	Catalog Number	Comments
543 nm HeNe Laser	Melles Griot	LGX1	Any laser in the visible range with less than 5 mW can be used.
2 Front Surface Aluminum Mirrors	Thorlabs	PF10-03-F01	
High Speed Exilim Camera	Casio		
Quartz Cuvette	Starna Cells	21/G/5	
LoggerPro (Software)	Vernier		http://www.vernier.com/products/software/lp/
Mathematica 8	Wolfram		http://www.wolfram.com/