

Materials List for:

Label-free Single Molecule Detection Using Microtoroid Optical Resonators

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Materials

Name	Company	Catalog Number	Comments
Tunable diode laser	Newport	TLB-6300	
Laser controller	Newport	TLB-6300-LN	
Frequency locking feedback controller	Toptica Photonics	Digilock 110	
Auto-balanced photoreceiver	Newport	Model 2007	
In-line polarization controller	General Photonics	PLC-003-S-90	
24-bit data acquisition card	National Instruments	NI-PCI-4461	
Recombinant human interleukin-2	Pierce Biotechnology	R201520	
20 nm polystyrene beads	Thermo Scientific	3020A	
NanoCube XYZ Piezo Stage	Physik Instrumente	P-611.3	
Optical table	Newport	VH3660W-OPT	
Objective lens for imaging column	Navitar Machine Vision	1-60228	
Imaging column (adaptor tube)	Navitar Machine Vision	1-60228	
High-Res CCD camera for imaging column	Edmund Industrial Optics	NT39244	