

Materials List for:

Lensless Fluorescent Microscopy on a Chip

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Materials

Name	Company	Catalog Number	Comments
Charge-coupled device(CCD)	KODAK	KAF-8300	
Charge-coupled device(CCD)	KODAK	KAF-11002	
Charge-coupled device(CCD)	KODAK	KAF-39000	
Complementary Metal-Oxide-Semiconductor (CMOS)	Micron	MT9T031C12STCD	
High power LED light source	Thorlabs Inc.	M455L2-C2	
High power LED driver	Thorlabs Inc.	LEDD1B	
Fiber coupled LED light source	Mightex	FCS-0625-000	
Vacuum Pen	Edmund Scientific	NT57-636	
2, 4, 10 μ m Fluospheres	Invitrogen	F-8826, F-8859, F-8836	
RBS lysis buffer 1X	eBioscience	00-4333	
SYTO 16 labeling reagent	Invitrogen	S7578	
Fiber-optic faceplate	Edmund Scientific	NT55-142	
Fiber-optic taper	Edmund Scientific	NT55-134	
Prisms	Edmund Scientific	NT47-626, NT45-403	
Filters	Edmund Scientific	NT39-417	
PDMS Elastomers	Dow Corning	Slygard 184	