

Materials List for:

A Rapid and Chemical-free Hemoglobin Assay with Photothermal Angular Light Scattering

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Materials

Name	Company	Catalog Number	Comments
650 nm laser pointer	LASMAC	LED-1	Probe light
Hollow round glass capillaries	VitroCom	CV2033	Blood sample container
Webcam	Logitech	C525	CMOS optical sensor
Optical chopper system	Thorlabs	MC2000-EC	Optical chopper
Plastic long-pass filter	Edmund Optics	#43-942	To reject 532-nm PT excitation light
Fiber clamp	Thorlabs	SM1F1-250	Capillary tube fixture
EDTA coated blood sampling tube	Greiner Bio-One	VACUETTE 454217	Blood sampling & anticoagulating
Hematology analyzer	Siemens AG	ADVIA 2120i	Reference hematology analyzer