

Materials List for:

Measurement of Scattering Nonlinearities from a Single Plasmonic Nanoparticle

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Materials

Name	Company	Catalog Number	Comments
microscope body	Olympus, Japan	BX-51	
objective lens	Olympus, Japan	UPlanSapo, 100X, NA 1.4	
80-nm gold colloid	BBI Solutions, UK	EM.GC80	
supercontinuum laser	Fianium, United Kingdom	SC400-2-PP	
broadband dielectric mirrors	Thorlabs, USA	BB1-E02	
field emission SEM	JEOL, Japan	JSM-6330F	optional
spectrometer	Andor Technology, UK	Shamrock 163	
charge-coupled device	Andor Technology, UK	iDus DV420A-OE	
acousto-optic modulators	IntraAction Corp., USA	AOM-402AF1	
lock-in amplifier	Stanford Research Systems, USA	SR-830	
MAS-coated slide glass	Matsunami Glass, Japan,	S9215	