

Materials List for:

Using Nanoplasmon-Enhanced Scattering and Low-Magnification Microscope Imaging to Quantify Tumor-Derived Exosomes

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URL: <https://www.jove.com/video/59177>

DOI: [doi:10.3791/59177](https://doi.org/10.3791/59177)

Materials

Name	Company	Catalog Number	Comments
Eppendorf Repeater stream	Fisher Scientific	05-401-040	
Eppendorf Research plus	Eppendorf	312000011	0.1 – 2.5 µL, dark gray
Functionalized Gold Nanorods	Nanopartz	C12-25-650-TN-DIH-50-1	In vitro neutravidin polymer functionalization
HulaMixer Sample Mixer	Thermo Fisher Scientific	15920D	
Incu-shaker 10L	Benchmark Scientific	H1010	
Inverted Research Microscope	Nikon	Ti-DH	With Dark field condenser, DS-Ri2 camera, and Ti-SH-U universal holder, and motorized stage
NIS-Elements	Nikon		Microscope imaging software
Phosphate Buffered Saline (1X)	GE Healthcare Life Sciences	SH30256.02	HyClone
Protein A/G Treated Glass Substrate Slides	Arrayit Corp.	AGMSM192BC	Premium microarray substrate
Q500 Sonicator	Qsonica, LLC	Q500-110	With standard probe (#4220)
Superblock blocking buffer	Thermo Scientific		
TWEEN 20	Sigma Life Sciences	9005-64-5	