

Materials List for

Multimodal Analytical Platform on a Multiplexed Surface Plasmon Resonance Imaging Chip for the Analysis of Extracellular Vesicle Subsets

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URL: <https://www.jove.com/video/64210>

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Materials

Name	Company	Catalog Number	Comments
CD41a antibody	Diaclone SAS (France)	447528	
CP920	Microparticles GmbH, Germany	448303	
DXR3xi	Thermo Fisher Scientific	T1502	
EDC	Sigma	A6272	
Ethanolamine	Sigma	P5368-10PAK	
Evs derived from platelet concentrates	Collaboration : Pr T. Burnouf (TMU, Taipei)	S2889	
Evs from bovine milk	Collaboration : Dr Z. Krupova (Excilone, Helincourt - France)	3450	
Glutaraldehyde	Sigma	56845	
Gwyddion		853.223.020	
Magnetron sputtering	PLASSYS	SAB5300165	
mercapto-1-hexadecanoic acid	Sigma	G5882	
Mercapto-1-undecanol	Sigma	O8001	
Mountains SPIP ones	Digital Surf		
NanoWizard 3 Bioscience	Bruker-JPK		
Octyl Glucoside (OG)	Sigma		
Ovalbumine antibody	Sigma		
Phosphate Buffer Saline (PBS)	Sigma		
Rat Albumin Serum (RSA)	Sigma		
Sodium acetate buffer	Sigma		
SPR-Biacore 3000	GE Healthcare/ Cytiva life sciences		
SPRi Biochip	MIMENTO technology platform		The biochips were produced in-house in the clean room, Besancon
SPRi Plex II	Horiba Scientific		
Sulfo-NHS	Sigma		