

Materials List for:

Combinatorial Synthesis of and High-throughput Protein Release from Polymer Film and Nanoparticle Libraries

Latrisha K. Petersen¹, Ana V. Chavez-Santoscoy¹, Balaji Narasimhan¹

¹Department of Chemical and Biological Engineering, Iowa State University

Correspondence to: Balaji Narasimhan at nbalaji@iastate.edu

URL: <https://www.jove.com/video/3882>

DOI: [doi:10.3791/3882](https://doi.org/10.3791/3882)

Materials

Name	Company	Catalog Number	Comments
Motorized XYZ Stage: 3x T-LSM050A, 50 mm travel per axis	Zaber Technologies	T-XYZ-LSM050A-KT04	
NE-1000 Single Syringe Pump	New Era Pump Systems	NE-1000	
Pyrex* Vista* Rimless Reusable Glass Culture Tubes	Corning	07-250-125	
Glass cuvettes	Scientific Strategies	G102	
LabVIEW	National Instruments	776671-35	
SGE Gas Tight Syringes, Luer Loc	Sigma Aldrich	509507	
U96 DeepWell Plates 1.3 ml & 2.0 ml	Thermo Scientific: Nunc	278743	
Well cap mats	Thermo Scientific: Nunc	276000	
Typhoon 9400	GE Healthcare	63-0055-79	
Whatman Grade 50 Circles 90 mm	Whatman	1450-090	