

Materials List for:

# Evaluation of Polymeric Gene Delivery Nanoparticles by Nanoparticle Tracking Analysis and High-throughput Flow Cytometry

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URL: <https://www.jove.com/video/50176>

DOI: [doi:10.3791/50176](https://doi.org/10.3791/50176)

## Materials

Name	Company	Catalog Number	Comments
<b>Reagent</b>			
Phosphate Buffered Saline, 1x (PBS)	Invitrogen	10010	
EGM-2MV BulletKit	Lonza	CC-3202	
Trypsin	Invitrogen	25300	
Sodium acetate buffer	Sigma-Aldrich	S7899	Dilute to 25mM in deionized water
Dimethyl sulfoxide	Sigma-Aldrich	276855	
pEGFP DNA	Elim Biopharmaceuticals	NA	
DsRed DNA	Addgene	21718	
PEI, branched	Sigma-Aldrich	408727	
CellTiter 96 AQueous One	Promega	G3580	
<b>Materials</b>			
Clear flat bottom 96-well plate, sterile	Sarstedt	82.1581.001	
Clear round bottom 96-well plate, sterile	Sarstedt	82.1582.001	
12-channel Finnpipette	Thermo Scientific	NA	5-50 and 50-300 µl
Fluorescence Microscope	Zeiss	NA	Model number: AX10
C6 Accuri flow cytometer	BD Biosciences	NA	
HyperCyt attachment	Intellicyt	NA	
NS500	Nanosight	NA	