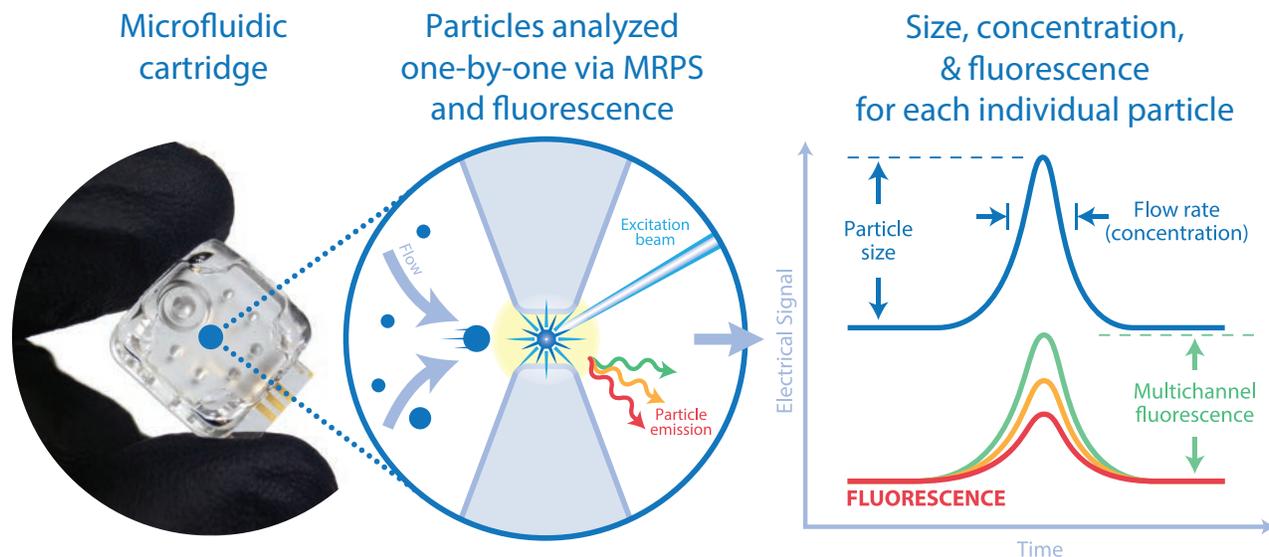




# Microfluidic Resistive Pulse Sensing plus Fluorescence (F-MRPS):



## Benefits of F-MRPS

- Simultaneous particle size, concentration & fluorescence-based phenotyping
- Electrical + optical: Two orthogonal techniques in one measurement
- Particle size measured directly, without refractive index (RI) assumptions
- Quantitative fluorescence with well-defined limits of detection
- Compatible with traditional dyes & staining protocols
- Faster & easier to use than optical flow cytometry – results in minutes
- More accurate than fluorescent Nanoparticle Tracking Analysis (f-NTA)

**See what you've been missing!**

Scan the code below for a complimentary sample analysis:



Scan below for  
ARC Specifications



Breakthrough instrumentation for  
accurate nanoparticle analysis

Reshaping discovery, development & production of modern therapeutics



# ARC

PARTICLE ANALYZER



Accurate nanoparticle  
**size, concentration,  
and phenotype**

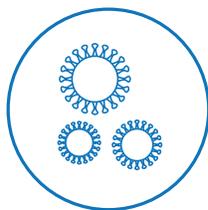


Quantitative **single-  
particle fluorescence**

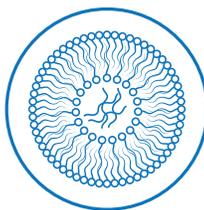


**Fast & easy to use -  
results in minutes**

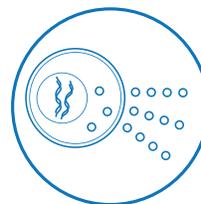
## Key Applications



**Virus &  
Gene Therapy**



**LNPs  
& Nanomedicine**



**Extracellular  
vesicles**

Scan below to  
visit our website



Breakthrough instrumentation for  
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