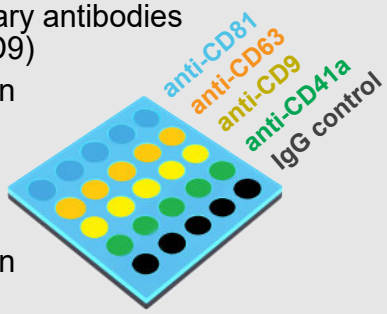
EV-TETRASPANIN PLASMA KIT

EXOVIEW™ COMPLETE EXOSOME CHARACTERIZATION

ExoView Tetraspanin Plasma Kit

- 16 ExoView chips
- ExoView chips have capture probes for CD81, CD63, CD9, CD41a, and a negative control
- 3 labeled secondary antibodies (CD81, CD63, CD9)
- Incubation solution
- Washing solution
- Rinse solution
- Blocking solution
- Reference solution
- Memory stick



The ExoView Tetraspanin Plasma Kit contains protein microarrays for ultrasensitive specific capture and characterization of exosome and extracellular vesicle populations.

- Tested using cell culture media, plasma, serum, urine, CSF, salvia, and others.
- Sample volume: 35 or 250 µL
- 1 Sample per chip, multiple samples can be incubated in parallel
- Custom chips are available

Order online at www.exoview.com

ExoView™

- ExoView™ R100 Automated Imager
- ExoViewer™ Acquisition and Analysis Software
- ExoView™ Tetraspanin Plasma Kit

ExoView™ is the first commercially available platform that provides high resolution sizing, counting, and phenotyping of exosomes and extracellular vesicles (EVs) at the single particle level.

ExoView Features

Label-free phenotyping of extracellular vesicles (EVs) with no fluorescence required

No purification required. Overcome biases by measuring direct from sample

Co-localize markers using fluorescence to identify sub-populations expressing multiple surface markers

Measure the size of single EVs with high resolution down to 50nm

Determine the concentration of EVs expressing specific surface markers with detection sensitivity of $5x10^5$ EVs/mL

Multiplex many surface markers from a single sample

High throughput with minimal sample-prep and hands-on time via automation

For Research Use Only. Not for use in diagnostic procedures.

NanoView BIOSCIENCES

WWW.NANOVIEWBIO.COM

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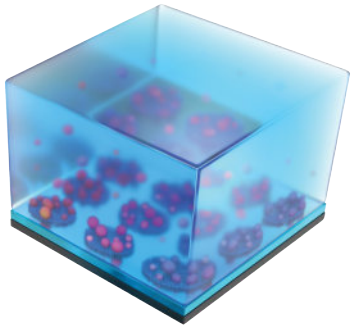
EV-TETRASPANIN PLASMA KIT

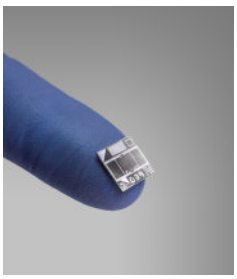
ExoView Tetraspanin Plasma Kit Specifications

Capture Probes	anti-CD81, anti-CD9, anti-CD63, anti-CD41a, isotype negative IgG control
Sample Volume	35 µL or 250 µL
Sample Incubation Time	Overnight
Probe Replicates	3
Data Acquisition Time	15 minutes
Secondary Markers	CD9, fluorescence CD81, fluorescence CD63 fluorescence

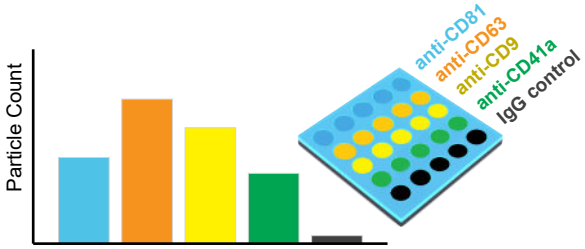
Each chip measures one sample that is incubated over all antibody spots



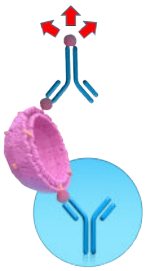
ExoView Tetraspanin Plasma Chip

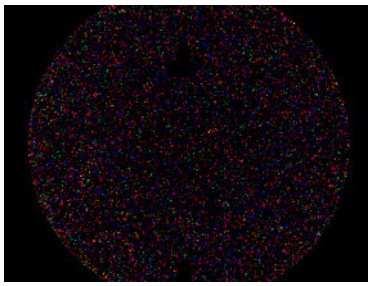


Measure EVs across panel of markers



3 color fluorescence secondary probes





Co-localize multiple surface markers on single EVs through fluorescence

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