

EXOVIEW™ COMPLETE EXOSOME CHARACTERIZATION



ExoView R100 Imager



- Automated interferometric imager
- 3 color fluorescence (Blue, Green, Red)
- Ultrasensitive fluorescence sensitivity
- Batch up to 9 samples at a time
- Rapid multiparametric imaging

The fully automated ExoView R100 interferometric imager provides multi-level and comprehensive EV measurements in terms of particle size analysis, EV count, EV phenotype and biomarker co-localization.

Request a demonstration today

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 5×10^5 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.

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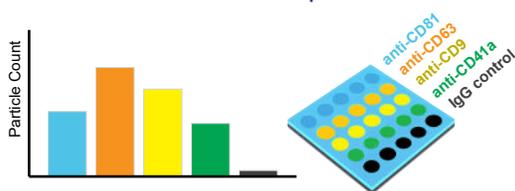


EV-R100

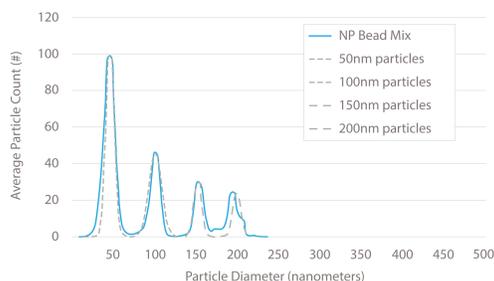
ExoView R100 Imager Performance

Minimum Particle Size Scatter	50nm
Concentration Linearity	5x10 ⁵ to 1x10 ⁸ particles/mL
Fluorescence Sensitivity	Better than 10 fluorescein equivalents
Excitation Wavelengths	410nm, 488nm, 555nm, 640nm <small>scatter fluorescence fluorescence fluorescence</small>

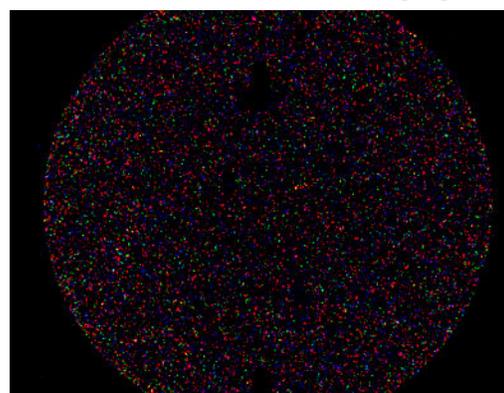
Measure EVs across panel of markers



Sizing with high resolution down to 50nm



3 color fluorescence imaging



Co-localize multiple surface markers on single EVs through fluorescence

ExoView R100 Imager Specifications

Imager Dimensions	9.2" x 13" x 19" 23.2 cm x 33 cm x 48 cm
Power Requirements	100VAC - 240VAC
Weight	44 pounds 20 kilograms
Regulatory	CE UL SF
Bench Space Needed	3' or 100 cm

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