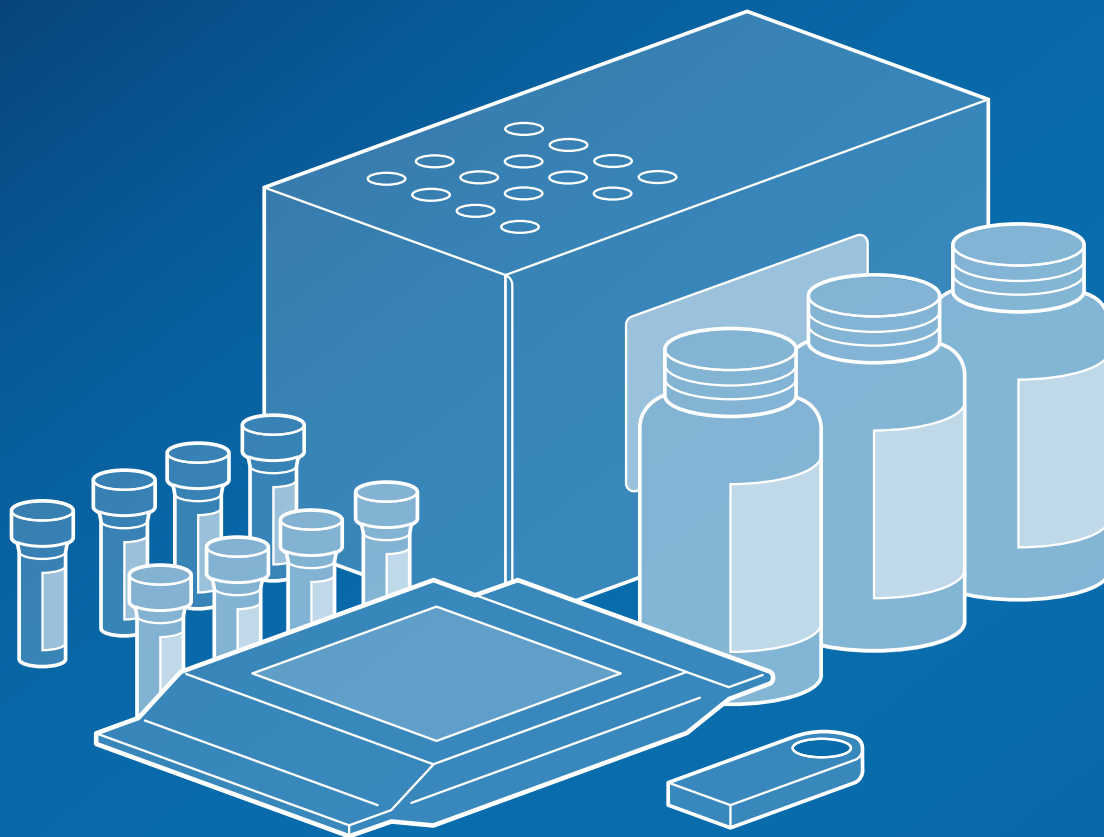


HUMAN  
TETRASPANIN  
CARGO



# EXOVIEW™ HUMAN TETRASPANIN CARGO KITS

## COMPLETE EXOSOME CHARACTERIZATION

Advanced Data Analysis



Count antigen  
positive EVs



Measure size of  
EVs down to 50nm



Colocalize up to  
4 markers per EV



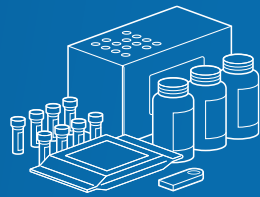
Probe for internal  
proteins and cargo

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

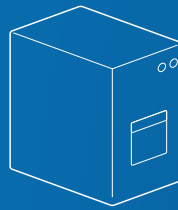
[www.nanoviewbio.com](http://www.nanoviewbio.com)  
1-833-EXO-VIEW

**Boston, Massachusetts**  
[info@nanoviewbio.com](mailto:info@nanoviewbio.com)

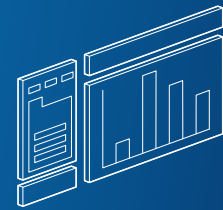
**THE COMPLETE  
EXOVIEW™  
SYSTEM**



ExoView™ Cargo Kit



R100 Automated Imager



ExoViewer Analysis Software

# ExoView™ Cargo Kits contain single use microarray chips for use with the ExoView™ R100 imaging platform.

The ExoView™ Cargo Kit contains sensitive and specific protein microarrays for purification-free characterization of exosomes. Exosomes can be sized, counted and phenotyped by either surface or internal luminal protein biomarkers.

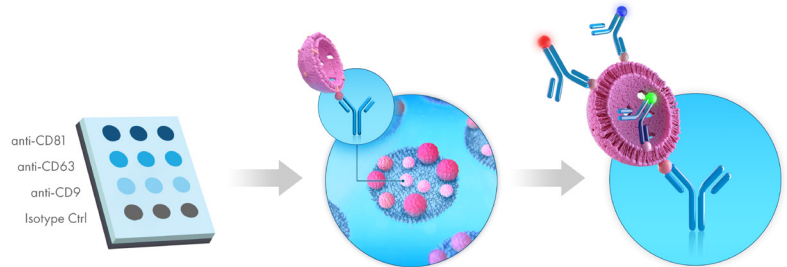
## EACH KIT CONTAINS:

- 16 ExoView cargo chips
- 4 labeled secondary antibodies (CD9, CD63, CD81 and Syntenin)
- All cargo buffers and reagents to run assay

**Tested using cell culture media, plasma, serum, urine, CSF, saliva, and others.**

**Purification is not required.**

**35µl of diluted sample required.**



Specific EV Capture + Surface and Cargo Staining of Single EVs

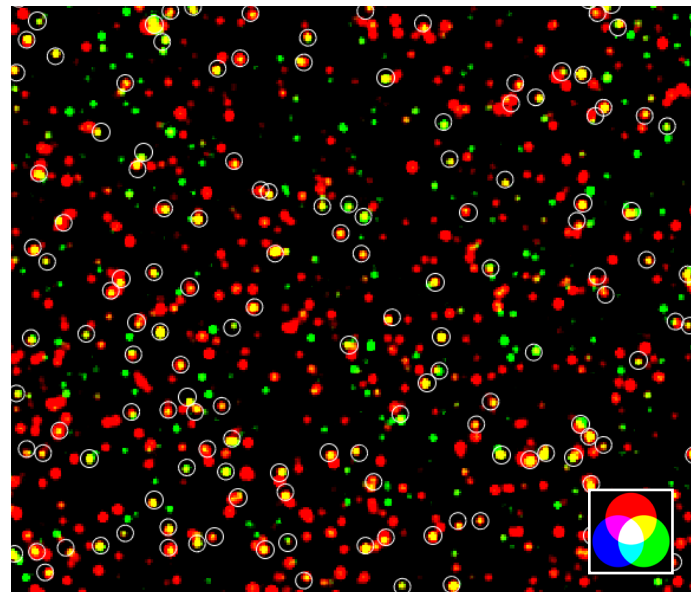


Image of exosomes bound to a CD9 spot on the ExoView chip (all exosomes are therefore CD9+). The bound exosomes have been labeled with fluorescent antibodies - red spots are CD63+ and CD9+, the green spots are syntenin+ and CD9+, the yellow spots are CD63+, syntenin+, and CD9+

## SPECIFICATIONS

CAPTURE PROBES	anti-CD81, anti-CD9, anti-CD63, isotype negative IgG control
CUSTOM CAPTURE PROBES	Available upon request
SAMPLE VOLUME	35 µL
SAMPLE INCUBATION TIME	Overnight
PROBE REPLICATES	3
DATA ACQUISITION TIME	10 minutes per chip, 9 chips automatically measured

SECONDARY ANTIBODIES	CD9, CD81, CD63, Syntenin fluorescence fluorescence fluorescence fluorescence
DATA ANALYSIS	Count antigen positive EVs
	Measure size of EVs down to 50nm
	Colocalize up to 4 markers per EV
	Probe for internal proteins and cargo