

Resource Summary Report

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Particle Metrix: ZetaView Nanoparticle Tracking Analyzer

RRID:SCR_016647

Type: Tool

Proper Citation

Particle Metrix: ZetaView Nanoparticle Tracking Analyzer (RRID:SCR_016647)

Resource Information

URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_016647.pdf

Proper Citation: Particle Metrix: ZetaView Nanoparticle Tracking Analyzer (RRID:SCR_016647)

Description: Instrument for nanoparticle tracking analysis. A semi-automated method for the characterization of extracellular vesicles with associated analysis software by ParticleMetrix GmbH.

Abbreviations: ZetaView NTA

Synonyms: ZetaView NTA, ZetaView Nanoparticle Tracking Analyzer

Resource Type: instrument resource

Keywords: instrument, nanoparticle, tracking, analysis, ParticleMetrix GmbH, extracellular, vesicles, method

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Resource ID: SCR_016647

Old URLs: <https://partoshar.com/administrator/files/UploadFile/DLS/Zeta-View/Catalog/zetaview-en.pdf>

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260801T190549+0000

Ratings and Alerts

No rating or validation information has been found for Particle Metrix: ZetaView Nanoparticle Tracking Analyzer.

No alerts have been found for Particle Metrix: ZetaView Nanoparticle Tracking Analyzer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 290 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Bizzaro CL, et al. (2025) Exploring STEAP1 Expression in Prostate Cancer Cells in Response to Androgen Deprivation and in Small Extracellular Vesicles. Molecular cancer research : MCR, 23(6), 542.

Li C, et al. (2025) Bone marrow mesenchymal stem cell exosomes improve fracture union via remodeling metabolism in nonunion rat model. Journal of orthopaedic surgery and research, 20(1), 308.

Xie XH, et al. (2025) Isolating Astrocyte-Derived Extracellular Vesicles From Urine. International journal of nanomedicine, 20, 2475.

Mensah GA, et al. (2025) Effect of Kinases in Extracellular Vesicles from HIV-1-Infected Cells on Bystander Cells. Cells, 14(2).

Herrera Lopez M, et al. (2025) Human neural rosettes secrete bioactive extracellular vesicles enriched in neuronal and glial cellular components. Scientific reports, 15(1), 1987.

Tsvetkov V, et al. (2025) Unveiling the unusual i-motif-derived architecture of a DNA aptamer exhibiting high affinity for influenza A virus. Nucleic acids research, 53(1).

Jeon G, et al. (2025) Impact of Culture Duration on the Properties and Functionality of Yeast-Derived Extracellular Vesicles. Biomaterials research, 29, 0201.

Frisk NLS, et al. (2025) Characterization of small extracellular vesicles from ovarian cancer patients and pre-diagnostic patient samples: Evidence from the Danish blood donor study. PloS one, 20(5), e0323529.

Finan JM, et al. (2025) HuR-Regulated Extracellular Vesicles Promote Endothelial Cell Remodeling in Pancreatic Cancer. Cancer research communications, 5(9), 1501.

Bach CA, et al. (2025) A novel sialylation pathway mediated by extracellular vesicles in aggressive prostate cancer. PloS one, 20(9), e0329014.

Weinberger V, et al. (2025) Proteomic and metabolomic profiling of extracellular vesicles produced by human gut archaea. *Nature communications*, 16(1), 5094.

Grätz C, et al. (2025) Extracellular vesicle-associated transcriptomic and proteomic biomarkers show in vitro potential for vandetanib treatment monitoring in anaplastic thyroid cancer. *Scientific reports*, 15(1), 32464.

Bokun V, et al. (2025) Nano-Flow Cytometry-Guided Discrimination and Separation of Human Cytomegalovirus Virions and Extracellular Vesicles. *Journal of extracellular vesicles*, 14(5), e70060.

Zhang Q, et al. (2025) Secretome enriched with small extracellular vesicles derived from human gingiva-derived mesenchymal stem cells enhances rat tongue muscle regeneration. *Journal of nanobiotechnology*, 23(1), 434.

Liu W, et al. (2025) Distinct molecular properties and functions of small EV subpopulations isolated from human umbilical cord MSCs using tangential flow filtration combined with size exclusion chromatography. *Journal of extracellular vesicles*, 14(1), e70029.

Li X, et al. (2025) Accumulation of Damaging Lipids in the Arf1-Ablated Neurons Promotes Neurodegeneration through Releasing mtDNA and Activating Inflammatory Pathways in Microglia. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(16), e2414260.

Du ZH, et al. (2025) SHED-Derived Exosomes Ameliorate Sjögren's Syndrome-Induced Hyposalivation by Suppressing Th1 Cell Response via the miR-29a-3p/T-bet Axis. *ACS applied materials & interfaces*, 17(4), 5752.

Chang Q, et al. (2025) Impact of obesity on proteomic profiles of follicular fluid-derived small extracellular vesicles: A comparison between PCOS and non-PCOS women. *Journal of ovarian research*, 18(1), 121.

Bu Z, et al. (2025) Treatment of Denervated Muscle Atrophy by Injectable Dual-Responsive Hydrogels Loaded with Extracellular Vesicles. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(10), e2412248.

Zhan J, et al. (2025) MSCs-EVs harboring OA immune memory reprogram macrophage phenotype via modulation of the mt-ND3/NADH-CoQ axis for OA treatment. *Journal of nanobiotechnology*, 23(1), 140.