Resource Summary Report

Generated by NIF on Aug 7, 2026

Nanofcm: Flow NanoAnalyzer

RRID:SCR_025069
Type: Tool

Proper Citation

Nanofcm: Flow NanoAnalyzer (RRID:SCR_025069)

Resource Information

URL: https://www.nanofcm.com/flow-nanoanalyzer/?ppc_keyword=&gad_source=1&gclid=CjwKCAiA_5WvBhBAEiwAZtCU7xM71hIFhuE

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Description: High sensitivity flow cytometry for nanoparticle analysis for life science, nanoscience and nanotechnology studies. Can be used for multiparameter characterization of natural and synthetic nanoparticles (7-1000 nm) at the single particle level.Combining light scattering and fluorescence detection, high-resolution distributions of particle size and biochemical properties can be acquired simultaneously in 1-2 minutes. UNL Flow Cytometry Core NanoAnalyzer is equipped with two lasers (488 and 640nm), and is capable of detecting SSC and two colors. Operates under NF Professional Software. System is designed to measure size and concentration of nanoparticle samples.

Synonyms: Flow NanoAnalyzer, NanoAnalyzer

Resource Type: instrument resource

Keywords: High sensitivity flow cytometry, nanoparticle analysis,

Resource Name: Nanofcm: Flow NanoAnalyzer

Resource ID: SCR_025069

Alternate URLs: https://biotech.unl.edu/flow-cytometry#tab5

Record Creation Time: 20240305T200905+0000

Record Last Update: 20260801T191311+0000

Ratings and Alerts

No rating or validation information has been found for Nanofcm: Flow NanoAnalyzer.

No alerts have been found for Nanofcm: Flow NanoAnalyzer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Bukhari Z, et al. (2024) Design of linked-domain protein inhibitors of UBE2D as tools to study cellular ubiquitination. bioRxiv : the preprint server for biology.

Ghade NS, et al. (2024) Comparative physicochemical and structural characterisation studies establish high biosimilarity between BGL-ASP and reference insulin aspart. Scientific reports, 14(1), 4224.

Sun S, et al. (2024) Direct imaging with multidimensional labelling and high-content analysis allows quantitative categorization and characterizations of individual small extracellular vesicles and nanoparticles (sEVPs). Journal of extracellular vesicles, 13(12), e12520.

Kangas P, et al. (2023) Towards optimised extracellular vesicle proteomics from cerebrospinal fluid. Scientific reports, 13(1), 9564.

Assefa NG, et al. (2022) A unique class I polyhydroxyalkanoate synthase (PhaC) from Brevundimonas sp. KH11J01 exists as a functional trimer: A comparative study with PhaC from Cupriavidus necator H16. New biotechnology, 70, 57.

Guo Y, et al. (2021) Structural and functional characterization of ubiquitin variant inhibitors for the JAMM-family deubiquitinases STAMBP and STAMBPL1. The Journal of biological chemistry, 297(4), 101107.

Ali NSM, et al. (2020) Calcium-Induced Activity and Folding of a Repeat in Toxin Lipase from Antarctic Pseudomonas fluorescens Strain AMS8. Toxins, 12(1).

Schr??der M, et al. (2020) Crystal Structure and Inhibitor Identifications Reveal Targeting Opportunity for the Atypical MAPK Kinase ERK3. International journal of molecular sciences, 21(21).

Turcu DC, et al. (2019) SIX3 and SIX6 interact with GEMININ via C-terminal regions. Biochemistry and biophysics reports, 20, 100695.