Resource Summary Report

Generated by dkNET on Jul 30, 2026

Malvern Panalytical: Nanosight NS500 Analyzer

RRID:SCR_020310
Type: Tool

Proper Citation

Malvern Panalytical: Nanosight NS500 Analyzer (RRID:SCR_020310)

Resource Information

URL: https://www.malvernpanalytical.com/en/support/product-support/nanosight-range/nanosight-ns500

Proper Citation: Malvern Panalytical: Nanosight NS500 Analyzer (RRID:SCR_020310)

Description: Malvern Panalytical NanoSight NS500 instrument provides an easy-to-use, reproducible platform for nanoparticle characterization. The NS500 provides detailed and analysis of the size distribution and concentration of all types of nanoparticles from 10nm to 2000nm in diameter, depending on the instrument configuration and sample type being analyzed. Single particle zeta potential measurements on the NS500 provide inherent high resolution zeta distributions which can be measured simultaneously with other NTA measurements parameters like size, particle concentration and can even operate whilst in fluorescence mode.

Resource Type: instrument resource

Keywords: Analyzer, instrument, equipment, USEDit

Availability: Commercially available

Resource Name: Malvern Panalytical: Nanosight NS500 Analyzer

Resource ID: SCR_020310

Alternate IDs: Model_Number_NS500

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260725T190925+0000

Ratings and Alerts

No rating or validation information has been found for Malvern Panalytical: Nanosight NS500 Analyzer.

No alerts have been found for Malvern Panalytical: Nanosight NS500 Analyzer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Mittal S, et al. (2024) Protocol for the isolation of tumor cell-derived extracellular vesicles followed by in??vivo metastasis assessment in a murine ovarian cancer model. STAR protocols, 5(2), 102943.

Mancarella C, et al. (2023) Extracellular vesicle-associated IGF2BP3 tunes Ewing sarcoma cell migration and affects PI3K/Akt pathway in neighboring cells. Cancer gene therapy, 30(9), 1285.

Alyami MH, et al. (2023) Retama monosperma chemical profile, green synthesis of silver nanoparticles, and antimicrobial potential: a study supported by network pharmacology and molecular docking. RSC advances, 13(37), 26213.

Lee YJ, et al. (2023) Protocol for evaluation of tumor-derived exosome-induced cancer cell metastasis in a mouse model. STAR protocols, 4(3), 102444.

van der Vlist M, et al. (2022) Macrophages transfer mitochondria to sensory neurons to resolve inflammatory pain. Neuron, 110(4), 613.