

Resource Summary Report

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NanoString: nCounter Analysis System

RRID:SCR_021712

Type: Tool

Proper Citation

NanoString: nCounter Analysis System (RRID:SCR_021712)

Resource Information

URL: <https://www.nanostring.com/products/ncounter-analysis-system/ncounter-systems-overview/>

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Description: System includes hardware and software. Options include nCounter SPRINT, nCounter MAX or nCounter FLEX. Platform used for multiplex analysis of up to 800 RNA, DNA, or protein targets. System can be combined with GeoMx Digital Spatial Profiler (DSP) to enable high-plex, spatially-resolved RNA, and protein quantification.

Abbreviations: nCounter

Synonyms: nCounter Analysis System, Bruker nCounter Analysis System

Resource Type: instrument resource

Keywords: Multiplex analysis, RNA analysis, DNA analysis, Protein analysis, NanoString Differential Expression, NanoString, analysis system, instrument, equipment, USEdit, ABRF

Availability: Commercially available

Resource Name: NanoString: nCounter Analysis System

Resource ID: SCR_021712

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260801T190716+0000

Ratings and Alerts

No rating or validation information has been found for NanoString: nCounter Analysis System.

No alerts have been found for NanoString: nCounter Analysis System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Kohsar A, et al. (2026) Comprehensive analysis of spinal cord inflammatory factors in HIV Tat-induced neuropathy in mice. *Neuroscience*, 595, 205.

Kyriacou C, et al. (2025) Maternal plasma microRNAs as potential biomarkers for triaging pregnancies of unknown location and ectopic pregnancy diagnosis. *Non-coding RNA research*, 13, 162.

Miglietta F, et al. (2025) Prognosis and Biological Characteristics of ER-Low Metastatic Breast Cancer: Results from a Multicenter Cohort and the TONIC Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(24), 5306.

Søkilde R, et al. (2025) Application of microRNA In Situ Hybridization on Long-term Stored Human Formalin-fixed Paraffin-embedded Brain Samples from Psychiatric Patients. *Molecular neurobiology*, 62(10), 12736.

Stewart AN, et al. (2025) Nonresolving Neuroinflammation Regulates Axon Regeneration in Chronic Spinal Cord Injury. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(1).

Hennen EM, et al. (2025) Hypertension promotes bone loss and fragility by favoring bone resorption in mouse models. *The Journal of clinical investigation*, 135(20).

Rebhun RB, et al. (2025) Phase 2 trial (NCI-COTC030) of adjuvant inhaled recombinant human IL-15 combined with amputation and adjuvant chemotherapy in dogs with appendicular osteosarcoma. *Frontiers in immunology*, 16, 1672790.

Wiggins JM, et al. (2025) Tumor miRNA Signatures Associate with Outcomes of Patients with Stage II/III Melanoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(24), 5225.

Shahmohammadi A, et al. (2025) Enhanced Anti-Leukemic Activity of Platinum Lamivudine Compared To Lamivudine Through Differential Gene Regulation and DNA Groove Binding. *Cell biochemistry and biophysics*.

Sekyi MT, et al. (2024) Demyelination and neurodegeneration early in experimental autoimmune encephalomyelitis contribute to functional deficits in the anterior visual pathway. *Scientific reports*, 14(1), 24048.

Chaubal R, et al. (2024) Surgical Tumor Resection Deregulates Hallmarks of Cancer in Resected Tissue and the Surrounding Microenvironment. *Molecular cancer research : MCR*, 22(6), 572.

Yee CS, et al. (2024) The osteocytic actions of glucocorticoids on bone mass, mechanical properties, or perilacunar remodeling outcomes are not rescued by PTH(1-34). *Frontiers in endocrinology*, 15, 1342938.

Ong JLK, et al. (2024) Exosomal mRNA Cargo are biomarkers of tumor and immune cell populations in pediatric osteosarcoma. *Translational oncology*, 46, 102008.

Sutley-Koury SN, et al. (2024) Astrocytic Ephrin-B1 Regulates Oligodendrocyte Development and Myelination. *ASN neuro*, 16(1), 2401753.

Lim YJ, et al. (2024) MicroRNA-19b exacerbates systemic sclerosis through promoting Th9 cells. *Cell reports*, 43(8), 114565.

Marshall Moscon S, et al. (2024) A common variant in the iron regulatory gene (Hfe) alters the metabolic and transcriptional landscape in brain regions vulnerable to neurodegeneration. *Journal of neurochemistry*, 168(9), 3132.

Niwa Y, et al. (2023) Liposome-Encapsulated Eribulin Shows Enhanced Antitumor Activity over Eribulin for Combination Therapy with Anti-PD-1 Antibody. *Molecular cancer therapeutics*, 22(4), 499.

Cuesta-Borràs E, et al. (2023) DPPA3-HIF1 α axis controls colorectal cancer chemoresistance by imposing a slow cell-cycle phenotype. *Cell reports*, 42(8), 112927.

Sperber HS, et al. (2023) The hypoxia-regulated ectonucleotidase CD73 is a host determinant of HIV latency. *Cell reports*, 42(11), 113285.

Whittaker DS, et al. (2023) Circadian modulation by time-restricted feeding rescues brain pathology and improves memory in mouse models of Alzheimer's disease. *Cell metabolism*, 35(10), 1704.