

Resource Summary Report

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Agilent: 4200 TapeStation System

RRID:SCR_018435

Type: Tool

Proper Citation

Agilent: 4200 TapeStation System (RRID:SCR_018435)

Resource Information

URL: <https://www.agilent.com/en/product/automated-electrophoresis/tapestation-systems/tapestation-instruments/4200-tapestation-system-228263>

Proper Citation: Agilent: 4200 TapeStation System (RRID:SCR_018435)

Description: Benchtop genetic analyzer. Electrophoresis system for DNA and RNA sample quality control. It can be used for next generation sequencing or Biobank workflow.

Synonyms: , Agilent 4200 TapeStation Genetic Analyzer, Agilent 4200 TapeStation

Resource Type: instrument resource

Keywords: Benchtop Genetic Analyzer, Instrument, Equipment, Agilent, USEdit, Next Generation Sequencing, ABRF, NGS

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_018435.pdf

Resource Name: Agilent: 4200 TapeStation System

Resource ID: SCR_018435

Alternate IDs: Model_Number_4200 TapeStation, , SCR_018444, SCR_019398, SCR_019395

Alternate URLs: <https://www.agilent.com/cs/library/datasheets/public/5991-6029EN.pdf>

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260728T043551+0000

Ratings and Alerts

No rating or validation information has been found for Agilent: 4200 TapeStation System.

No alerts have been found for Agilent: 4200 TapeStation System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Cappadona C, et al. (2026) Multi-omics identifies oxidative stress, prothrombotic pathways, and lactoperoxidase variants as key factors in COVID-19 severity. EBioMedicine, 123, 106111.

Maerz MD, et al. (2026) BCG vaccination induces antibacterial effector functions among V α 1/3 T cells that are associated with protection against tuberculosis. Cell reports. Medicine, 102536.

Hollander JF, et al. (2025) Serially Quantifying TERT Rearrangement Breakpoints in ctDNA Enables Minimal Residual Disease Monitoring in Patients with Neuroblastoma. Cancer research communications, 5(1), 167.

Hu Q, et al. (2025) Circulating tumor DNA monitoring detects minimal residual disease and predicts outcomes in patients with esophageal adenocarcinoma or squamous cell carcinoma after esophagectomy. BJC reports, 3(1), 52.

Löönd F, et al. (2025) DLBCL Cells Emerge after CD19 CAR T Cells with Cross-Antigen Resistance and a Gene Signature Predictive of Clinical CAR T-cell Response. Blood cancer discovery, 6(6), 580.

George SL, et al. (2025) Stratified Medicine Pediatrics: Cell-Free DNA and Serial Tumor Sequencing Identifies Subtype-Specific Cancer Evolution and Epigenetic States. Cancer discovery, 15(4), 717.

Hwang J, et al. (2025) Structurally Oriented Classification of FOXA1 Alterations Identifies Prostate Cancers with Opposing Clinical Outcomes and Distinct Molecular and Immunologic Subtypes. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(5), 936.

Weidling I, et al. (2025) hiPSC-neurons recapitulate the subtype-specific cell intrinsic nature of susceptibility to neurodegenerative disease-relevant aggregation. Acta neuropathologica communications, 13(1), 108.

Park S, et al. (2025) Functional Analysis of Rare RAS Variants of Unknown Significance. Cancer research communications, 5(10), 1747.

Puzio-Kuter AM, et al. (2025) Restoration of the Tumor Suppressor Function of Y220C-Mutant p53 by Rezatapopt, a Small-Molecule Reactivator. *Cancer discovery*, 15(6), 1159.

Yaeger R, et al. (2025) Clinical Validity of FoundationOne Liquid CDx for Detection of BRAFV600E in Colorectal Cancer. *Cancer research communications*, 5(9), 1566.

Xu C, et al. (2025) An Exosome-Based Liquid Biopsy Predicts Depth of Response and Survival Outcomes to Cetuximab and Panitumumab in Metastatic Colorectal Cancer: The EXONERATE Study. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(6), 1002.

Liu Y, et al. (2025) Single-cell RNA-seq identifies protracted mouse germline X chromosome reactivation dynamics directed by a PRC2-dependent mechanism. *Developmental cell*, 60(9), 1321.

DiRusso JA, et al. (2025) Sex-specific expression and function of TRIM28 during mouse primordial germ differentiation. *iScience*, 28(10), 113474.

Sharifi MN, et al. (2025) High-purity CTC RNA sequencing identifies prostate cancer lineage phenotypes prognostic for clinical outcomes. *Cancer discovery*, 15(5), 969.

MacKenzie B, et al. (2025) LTI-03 peptide demonstrates anti-fibrotic activity in ex vivo lung slices from patients with IPF. *iScience*, 28(9), 113437.

VandenHeuvel SN, et al. (2025) Decellularized Extracellular Matrix Scaffolds to Engineer the Dormant Landscape of Microscopic Colorectal Cancer Liver Metastasis. *Advanced healthcare materials*, e01791.

Bye LJ, et al. (2025) Nicotinic Acetylcholine Receptor-Mediated Metabotropic Signalling in Human Microglia. *Journal of neurochemistry*, 169(11), e70295.

Castillo MB, et al. (2025) Identification of immunogenic KIF5B-RET fusion neopeptides driving immune stimulation in tumor specific CD8+ T cells. *Frontiers in immunology*, 16, 1635810.

Sulsenti R, et al. (2024) Intracellular Osteopontin Promotes the Release of TNF α by Mast Cells to Restrain Neuroendocrine Prostate Cancer. *Cancer immunology research*, 12(9), 1147.