

Resource Summary Report

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Roche: Ventana DISCOVERY Ultra

RRID:SCR_021254

Type: Tool

Proper Citation

Roche: Ventana DISCOVERY Ultra (RRID:SCR_021254)

Resource Information

URL: <https://diagnostics.roche.com/us/en/products/instruments/discovery-ultra-research.html>

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Description: Immunohistochemistry processor that can be used for immunohistochemistry and in situ hybridization slide preparation and processing. With 30 individual slide drawers, DISCOVERY ULTRA system enables to run both manual and fully automated experiments simultaneously with no synchronization errors. Provides ability to fully automate broad range of IHC and ISH assays, including FISH, gene and protein IHC/ISH, mRNA ISH and multiplex assays with any combination of IHC and ISH.

Synonyms: DISCOVERY ULTRA, Ventana DISCOVERY Ultra IHC/ISH research platform, VENTANA DISCOVERY ULTRA AUTOMATED SLIDE PREPARATION SYSTEM

Resource Type: instrument resource

Keywords: Immunohistochemistry processor, slide preparation, slide processing, instrument, equipment, USEDit

Availability: Commercially available

Resource Name: Roche: Ventana DISCOVERY Ultra

Resource ID: SCR_021254

Record Creation Time: 20220129T080354+0000

Record Last Update: 20260808T190210+0000

Ratings and Alerts

No rating or validation information has been found for Roche: Ventana DISCOVERY Ultra.

No alerts have been found for Roche: Ventana DISCOVERY Ultra.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

O'Reilly C, et al. (2026) LRRC15-CAR T Cells for the Treatment of Osteosarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(8), 1557.

Williams JS, et al. (2026) Patient-derived pediatric brain tumor orthotopic xenografts and tumor organoids faithfully recapitulate primary tumors. Science advances, 12(16), eaea4966.

Schlaak M, et al. (2026) MONETTE: A Randomized Phase II Study of Ceralasertib plus Durvalumab or Ceralasertib Monotherapy in Patients with Advanced Melanoma Resistant to PD-(L)1 Inhibition. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(14), 2921.

Ghaffari S, et al. (2026) A fully human pan VL9 HLA-E TCRm antibody enables functional dissection of HLA-E biology and checkpoint signaling. iScience, 29(5), 115669.

Solomon BJ, et al. (2025) The Impact of the Tumor Microenvironment on the Effect of IL-1?? Blockade in NSCLC: Biomarker Analyses from CANOPY-1 and CANOPY-N Trials. Cancer research communications, 5(4), 632.

Digomann D, et al. (2025) Soluble TIM-3 and galectin-9 predict survival in gastric and gastroesophageal junction cancer. iScience, 28(11), 113871.

Baenke F, et al. (2025) Intratumoral regulatory T cells are associated with treatment response to neoadjuvant chemotherapy and prognosis in gastroesophageal adenocarcinoma. Oncoimmunology, 14(1), 2574859.

Shafer AM, et al. (2025) Immunocompetent Murine Models Recapitulate the Heterogeneous Tumor-Immune Microenvironment of Human Liposarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(23), 5078.

Jeremian R, et al. (2025) Investigating the cell of origin and novel molecular targets in Merkel cell carcinoma: a historic misnomer. Molecular oncology.

Lee LH, et al. (2025) Defining Non-small Cell Lung Cancer Tumor Microenvironment Changes at Primary and Acquired Immune Checkpoint Inhibitor Resistance Using Clinical and Real-World Data. *Cancer research communications*, 5(6), 1049.

Navarro-Serer B, et al. (2025) P4HA1 Mediates Hypoxia-Induced Invasion in Human Pancreatic Cancer Organoids. *Cancer research communications*, 5(5), 881.

Cho WH, et al. (2025) PRC2 Restricts Malignant Peripheral Nerve Sheath Tumorigenesis in a Genetically Engineered Mouse Model of MPNST. *bioRxiv : the preprint server for biology*.

Madsen NH, et al. (2025) Novel approaches to 3D cancer heterospheroid culture and assay development for immunotherapy screening. *Experimental cell research*, 449(2), 114604.

Dairo O, et al. (2024) FASN Gene Methylation is Associated with Fatty Acid Synthase Expression and Clinical-genomic Features of Prostate Cancer. *Cancer research communications*, 4(1), 152.

Chelushkin MA, et al. (2024) Platinum-Based Chemotherapy Induces Opposing Effects on Immunotherapy Response-Related Spatial and Stromal Biomarkers in the Bladder Cancer Microenvironment. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(18), 4227.

Ruiz de Campos L, et al. (2024) High Incidence of Gastric Cancer in El Salvador: A National Multisectorial Study during 2000 to 2014. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 33(12), 1571.

Ledvin L, et al. (2023) The anaphase-promoting complex controls a ubiquitination-phosphoprotein axis in chromatin during neurodevelopment. *Developmental cell*, 58(23), 2666.

Golesworthy B, et al. (2022) Intra-Tumoral CD8+ T-Cell Infiltration and PD-L1 Positivity in Homologous Recombination Deficient Pancreatic Ductal Adenocarcinoma. *Frontiers in oncology*, 12, 860767.