

Resource Summary Report

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Agilent: BioTek: Cytation 5 Cell Imaging Multi-Mode Reader

RRID:SCR_019732

Type: Tool

Proper Citation

Agilent: BioTek: Cytation 5 Cell Imaging Multi-Mode Reader (RRID:SCR_019732)

Resource Information

URL: <https://www.biotek.com/products/imaging-microscopy-cell-imaging-multi-mode-readers/cytation-5-cell-imaging-multi-mode-reader/>

Proper Citation: Agilent: BioTek: Cytation 5 Cell Imaging Multi-Mode Reader (RRID:SCR_019732)

Description: Multi-mode plate reader that offers up to 60x magnification in fluorescence, brightfield, high contrast brightfield, color brightfield and phase contrast for maximum applications reach. The multi-mode detection modules include filter- and monochromator-based fluorescence detection, luminescence and UV-Vis absorbance detection.

Resource Type: instrument resource

Keywords: Biotek, BioTek, Cell Imaging Multi-Mode Reader, Instrument Equipment, USEdit,

Availability: Commercially available

Resource Name: Agilent: BioTek: Cytation 5 Cell Imaging Multi-Mode Reader

Resource ID: SCR_019732

Alternate IDs: Model_Number_Cytation 5

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260815T182610+0000

Ratings and Alerts

No rating or validation information has been found for Agilent: BioTek: Cytation 5 Cell Imaging Multi-Mode Reader.

No alerts have been found for Agilent: BioTek: Cytation 5 Cell Imaging Multi-Mode Reader.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Matos VUS, et al. (2026) AAV-Driven miR-146a Promotes Neurite Outgrowth and Axonal Regeneration in Cortical Neurons. *Journal of neurochemistry*, 170(2), e70372.

Drouillard D, et al. (2026) Mutant KRAS promotes NF- κ B driven CCL20 chemokine expression in pancreatic ductal adenocarcinoma. *bioRxiv : the preprint server for biology*.

Lueck J, et al. (2026) Dimerization-dependent gel-like condensation with dsDNA underpins the activation of human cGAS. *Cell reports*, 45(2), 116920.

Solernó LM, et al. (2026) Combined treatment using repurposed synthetic peptide desmopressin and bevacizumab as a potential antiangiogenic strategy in osteosarcoma. *Frontiers in medicine*, 13, 1864843.

Pasquero S, et al. (2026) Targeting peptidyl-arginine deiminase 4 suppresses SARS-CoV-2 replication and modulates the inflammatory response. *iScience*, 29(3), 115038.

Nguyen N, et al. (2026) Transcranial microtesla magnetic fields suppress neuroinflammation and neuronal oxidative stress burden. *iScience*, 29(1), 114425.

Chantzoura E, et al. (2026) The Allogeneic FAP-CAR-IL15 iNKT Therapy MiNK-215 Remodels the Tumor Stroma to Enhance Antitumor Immunity. *Cancer immunology research*, 14(2), 243.

Burke CM, et al. (2026) Antitumor Activity of Trastuzumab Deruxtecan in Pediatric Solid Tumors with Variable HER2 Expression. *Molecular cancer therapeutics*, 25(1), 156.

Ali MM, et al. (2025) Mechanisms of mitochondrial reactive oxygen species action in bone mesenchymal cells. *The Journal of biological chemistry*, 301(9), 110551.

Manara MC, et al. (2025) Genomic profiling of a collection of patient-derived xenografts and cell lines identified ixabepilone as an active drug against chemo-resistant osteosarcoma. *Journal of experimental & clinical cancer research : CR*, 44(1), 195.

Williams KB, et al. (2025) Pharmacogenomic synthetic lethal screens reveal hidden vulnerabilities and new therapeutic approaches for treatment of NF1-associated tumors. *Molecular cancer therapeutics*.

Jolly JT, et al. (2025) Phosphatase activity is dispensable for PRL-3-mediated oncogenesis and tumor progression. *bioRxiv : the preprint server for biology*.

Brea EJ, et al. (2025) Systematic Engineering of TROP2-Targeted CAR T-Cell Therapy Overcomes Resistance Pathways in Solid Tumors. *Cancer immunology research*, 13(11), 1749.

Ali MM, et al. (2025) Mechanisms of mitochondrial reactive oxygen species action in bone mesenchymal cells. *bioRxiv : the preprint server for biology*.

Lim YX, et al. (2025) Splicing of HPV16 E6 promotes aggressive invasion in oropharyngeal cancer via endocytosis of E-cadherin. *bioRxiv : the preprint server for biology*.

Mahadev Bhat S, et al. (2025) TNF α -mediated subcellular heterogeneity of succinate dehydrogenase activity in human airway smooth muscle cells. *American journal of physiology. Lung cellular and molecular physiology*, 328(6), L792.

Mogol AN, et al. (2025) ACSS2-Mediated Metabolic-Epigenetic Crosstalk Drives Fulvestrant Resistance and Represents a Novel Therapeutic Target. *bioRxiv : the preprint server for biology*.

Baker MJ, et al. (2025) VAV2 Drives EGFR-Mediated Rac1 Responses in Prostate Cancer. *Molecular cancer research : MCR*, 23(8), 684.

Yousefi R, et al. (2025) A microscopy-based screen identifies cellular kinases modulating mitochondrial translation. *Cell reports*, 44(1), 115143.

Mahadev Bhat S, et al. (2024) Heterogeneous distribution of mitochondria and succinate dehydrogenase activity in human airway smooth muscle cells. *FASEB bioAdvances*, 6(6), 159.