

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

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: 20260725T190915+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 23 mentions in open access literature.

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

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

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.

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. *The Journal of biological chemistry*, 301(9), 110551.

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*.

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.

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.

Malik A, et al. (2024) Doxorubicin-induced cardiomyopathy is mitigated by empagliflozin via the modulation of endoplasmic reticulum stress pathways. *Molecular medicine reports*, 29(5).

Yang L, et al. (2024) Neurons enhance blood-brain barrier function via upregulating claudin-5 and VE-cadherin expression due to glial cell line-derived neurotrophic factor secretion. *eLife*, 13.

Barmppa K, et al. (2024) Modeling early phenotypes of Parkinson's disease by age-induced midbrain-striatum assembloids. *Communications biology*, 7(1), 1561.

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.

Kolling LJ, et al. (2024) Interaction of serotonin/GLP-1 circuitry in a dual preclinical model for psychiatric disorders and metabolic dysfunction. *Psychiatry research*, 337, 115951.

Feldmann C, et al. (2023) Protocol for deriving proximity, affinity, and stoichiometry of protein interactions using image-based quantitative two-hybrid FRET. *STAR protocols*, 4(3), 102459.

Podmore L, et al. (2023) Insulin receptor loss impairs mammary tumorigenesis in mice. *Cell reports*, 42(11), 113251.

Snapper DM, et al. (2023) Development of a novel bioengineered 3D brain-like tissue for studying primary blast-induced traumatic brain injury. *Journal of neuroscience research*, 101(1), 3.