Resource Summary Report

Generated by RRID on Aug 7, 2026

Agilent: BioTek Synergy H1 Multimode Reader

RRID:SCR_019748
Type: Tool

Proper Citation

Agilent: BioTek Synergy H1 Multimode Reader (RRID:SCR_019748)

Resource Information

URL: https://www.agilent.com/en/product/microplate-instrumentation/microplate-readers/multimode-microplate-readers/biotek-synergy-h1-multimode-reader-1623193

Proper Citation: Agilent: BioTek Synergy H1 Multimode Reader (RRID:SCR_019748)

Description: Modular multimode microplate reader, with monochromator-based optics and filter-based optics for fluorescence and luminescence detection, plus filter-free UV-Vis absorbance. Hybrid is the term that Agilent BioTek uses to describe the unique optical systems available for Synergy H1 multimode readers. Each of these readers is configurable to include filter-based or monochromator-based optics for fluorescence and luminescence detection, or they can include both filter- and monochromator-based optics for maximum assay flexibility, sensitivity, and specificity. The bandwidth can be set between 9 and 50 nm, in 1 nm increments, to fully optimize reader settings for best sensitivity and specificity compared to fixed bandwidth systems. Comes with Gen5 Data Analysis Software.

Synonyms: , BioTek Synergy H1 Hybrid Multi-Mode Microplate Reader, Agilent BioTek Synergy H1, BioTek Synergy H1 Multimode Reader

Resource Type: instrument resource

Keywords: Biotek, BioTek, Multi-Mode Microplate Reader, Instrument, Equipment

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_019748.pdf

Resource Name: Agilent: BioTek Synergy H1 Multimode Reader

Resource ID: SCR_019748

Alternate IDs: Model_Number_Synergy_H1

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260801T190631+0000

Ratings and Alerts

No rating or validation information has been found for Agilent: BioTek Synergy H1 Multimode Reader.

No alerts have been found for Agilent: BioTek Synergy H1 Multimode Reader.

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 RRID .

Kang M, et al. (2026) Pertuzumab Enhances the Antitumor Activity of T-DXd in HER2-Positive Gastric Cancer Cells. Molecular cancer therapeutics, 25(5), 814.

Wu Y, et al. (2026) Stress-Induced ADGRL4 Orchestrates Tumor Progression and Metastasis by Inhibiting YAP1 Signaling and Activating Angiogenesis. Cancer research, 86(11), 2743.

Garg SK, et al. (2026) Potentiating dendritic cell immunotherapy by interrupting the Semaphorin 4D-induced immune-suppressive barrier. Cell reports, 45(3), 117050.

Li C, et al. (2026) ARID1A deficiency unleashes centromeric RNA transcription to drive chromosomal instability and boosts PKMYT1 inhibitor efficacy via RNA sensing. bioRxiv : the preprint server for biology.

Black JJ, et al. (2026) The Legionella pneumophila effector SidL is an adenylyltransferase that modifies the glycolytic intermediate 3-phosphoglycerate. Molecular cell.

Criscuolo D, et al. (2026) KRAS-mediated CCDC6 degradation drives xCT upregulation and ferroptosis evasion. Apoptosis : an international journal on programmed cell death, 31(8).

Burchett R, et al. (2026) A Universal Boosting Strategy for Adoptive T-cell Therapy Using a Paired Vaccine/Chimeric Antigen Receptor. Cancer immunology research, 14(2), 261.

Vuong TT, et al. (2026) DNA Methyltransferase Inhibition Prevents Platinum-Induced Ovarian Cancer Stem Cell Enrichment. Cancer research communications, 6(7), 1721.

Iyer S, et al. (2026) Neuropeptide Y and peptide YY differentially modulate bitter- and fatty acid-evoked responses in human fungiform taste bud cells. American journal of

physiology. Cell physiology, 330(4), C991.

Kim MJ, et al. (2026) Excessive epithelial mechanosensation drives nociceptive innervation and chronic bladder pain via the PIEZO1-SLC7A11-glutamate axis. Cell.

Jobst M, et al. (2025) Retrograde rearrangement of mitochondria correlates with nuclear deformation and genotoxic damage. iScience, 28(8), 112955.

Suwanmanee G, et al. (2025) Fucoxanthin protects placenta-derived human mesenchymal stem cells against oxidative stress-induced apoptosis by modulating genes involved in DNA damage repair, ER stress response, p53-induced apoptosis. Stem cell research & therapy, 16(1), 497.

Fiskus W, et al. (2025) Preclinical efficacy of tasquinimod-based combinations in advanced myeloproliferative neoplasms in blastic phase. Blood advances, 9(21), 5598.

Lamichhane A, et al. (2025) Targeting CAFs-Mediated Stromal Signaling in a Patient-Derived Organotypic Colorectal Tumor Model. Molecular cancer therapeutics, 24(8), 1265.

Khan N, et al. (2025) Human Papillomavirus Integration Induces Oncogenic Host Gene Fusions in Oropharyngeal Cancers. Cancer discovery, 15(9), 1927.

Fnu T, et al. (2025) Sympathetic Neurons Promote Small Cell Lung Cancer through the ??2-Adrenergic Receptor. Cancer discovery, 15(3), 616.

Muccilli V, et al. (2024) Green3: A green extraction of green additives for green plastics. Heliyon, 10(2), e24469.

Jiao M, et al. (2024) Targeting Catechol-O-Methyltransferase Induces Mitochondrial Dysfunction and Enhances the Efficacy of Radiotherapy in Glioma. Cancer research, 84(21), 3640.

Temple H, et al. (2024) Specific binding sites on Rhesus rotavirus capsid protein dictate the method of endocytosis inducing the murine model of biliary atresia. American journal of physiology. Gastrointestinal and liver physiology, 327(2), G267.

Yan HF, et al. (2024) Cell density impacts the susceptibility to ferroptosis by modulating IRP1-mediated iron homeostasis. Journal of neurochemistry, 168(7), 1359.