

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Agilent: BioTek: Synergy H4 Hybrid Plate Reader

RRID:SCR_019750

Type: Tool

Proper Citation

Agilent: BioTek: Synergy H4 Hybrid Plate Reader (RRID:SCR_019750)

Resource Information

URL: <https://www.fishersci.se/shop/products/biotek-synergy-h4-hybrid-microplate-reader-16/p-3841649>

Proper Citation: Agilent: BioTek: Synergy H4 Hybrid Plate Reader (RRID:SCR_019750)

Description: Synergy H4 combines the sensitivity of a filter-based system with the of monochromator-based optics to provide the broadest range of applications available on the market today. Detection modes: Fluorescence Intensity, Time-Resolved Fluorescence, Fluorescence Polarization, AlphaScreen/AlphaLISA, Luminescence, UV-Visible absorbance, FRET, TR-FRET, BRET, well area scanning and spectral scanning. Synergy H4 optics incorporates two double-grating monochromators. This quadruple design provides the best in spectral scanning performance and flexibility. Synergy H4's filter/dichroic combination provides the best possible performance in fluorescence, time resolved fluorescence and fluorescence polarization applications.

Resource Type: instrument resource

Keywords: Biotek, Hybrid Plate Reader, Instrument, Equipment,

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_019750.pdf

Resource Name: Agilent: BioTek: Synergy H4 Hybrid Plate Reader

Resource ID: SCR_019750

Alternate IDs: Model_Number_Synergy H4

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260801T190636+0000

Ratings and Alerts

No rating or validation information has been found for Agilent: BioTek: Synergy H4 Hybrid Plate Reader.

No alerts have been found for Agilent: BioTek: Synergy H4 Hybrid Plate Reader.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sheth AS, et al. (2025) PLK1 Inhibition Induces Synthetic Lethality in Fanconi Anemia Pathway-Deficient Acute Myeloid Leukemia. Cancer research communications, 5(4), 648.

DiPeri TP, et al. (2023) Adavosertib Enhances Antitumor Activity of Trastuzumab Deruxtecan in HER2-Expressing Cancers. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(21), 4385.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. Cancer research communications, 3(10), 2030.

Pan X, et al. (2022) Peptide PDHPS1 Inhibits Ovarian Cancer Growth through Disrupting YAP Signaling. Molecular cancer therapeutics, 21(7), 1160.