Resource Summary Report

Generated by NIF on Apr 30, 2025

Tecan SPARK Multimode Microplate Reader

RRID:SCR_021897
Type: Tool

Proper Citation

Tecan SPARK Multimode Microplate Reader (RRID:SCR_021897)

Resource Information

URL: https://lifesciences.tecan.com/multimode-plate-reader

Proper Citation: Tecan SPARK Multimode Microplate Reader (RRID:SCR_021897)

Description: Multimode microplate reader as fully flexible detection platform with automation.Has four configurations to select from and then add or remove options.Optimised for genomics and proteomics, microbiology, cell based assays, and drug discovery areas. Performs measurements of fluorescent cell based assays. Has integrated, bright field cell imaging module. Enables label free cell counting, size distribution determination and trypan blue based cell viability analysis.

Synonyms: plate reader, Tecan Trading AG, instrument, SPARK, SPARK plate reader, USEDit, acquipment, Spark, Spark multimode reader, SPARK Multimode Microplate Reader

Resource Type: instrument resource

Funding:

Availability: Restricted

Resource Name: Tecan SPARK Multimode Microplate Reader

Resource ID: SCR_021897

Record Creation Time: 20220421T050137+0000

Record Last Update: 20250420T015135+0000

Ratings and Alerts

No rating or validation information has been found for Tecan SPARK Multimode Microplate Reader.

No alerts have been found for Tecan SPARK Multimode Microplate Reader.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. Journal of neurochemistry, 169(1), e16274.

Yamauchi I, et al. (2025) Transcriptomic landscape of hyperthyroidism in mice overexpressing thyroid-Stimulating hormone. iScience, 28(1), 111565.

Goto Y, et al. (2024) A Kinome-Wide Synthetic Lethal CRISPR/Cas9 Screen Reveals That mTOR Inhibition Prevents Adaptive Resistance to CDK4/CDK6 Blockade in HNSCC. Cancer research communications, 4(7), 1850.

Baumann V, et al. (2024) Faa1 membrane binding drives positive feedback in autophagosome biogenesis via fatty acid activation. The Journal of cell biology, 223(7).

Sulsenti R, et al. (2024) Intracellular Osteopontin Promotes the Release of TNF? by Mast Cells to Restrain Neuroendocrine Prostate Cancer. Cancer immunology research, 12(9), 1147.

Panarello S, et al. (2024) Photoswitchable positive allosteric modulators of metabotropic glutamate receptor 4 to improve selectivity. iScience, 27(6), 110123.

Hoh KL, et al. (2024) Protocol to compare relative protein-liposome binding affinity using a fluorescence microscopy-based approach. STAR protocols, 6(1), 103507.

Springer AD, et al. (2024) Preclinical Evaluation of STI-8811, a Novel Antibody-Drug Conjugate Targeting BCMA for the Treatment of Multiple Myeloma. Cancer research communications, 4(10), 2660.

Ahtiainen A, et al. (2024) Astrocytes facilitate gabazine-evoked electrophysiological hyperactivity and distinct biochemical responses in mature neuronal cultures. Journal of neurochemistry, 168(9), 3076.

Appeltrath GA, et al. (2024) An efficient ELISA protocol for measurement of SARS-CoV-2

spike-specific IgG in human plasma and serum samples. MethodsX, 12, 102596.

Narayan R, et al. (2023) Picolinic acid is a broad-spectrum inhibitor of enveloped virus entry that restricts SARS-CoV-2 and influenza A virus in vivo. Cell reports. Medicine, 4(8), 101127.

Li XX, et al. (2023) Protocol for cell-based screening assay to measure ERK1/2 phosphorylation as a readout for complement receptor activation. STAR protocols, 4(4), 102758.

Payne NC, et al. (2022) A direct high-throughput protein quantification strategy facilitates discovery and characterization of a celastrol-derived BRD4 degrader. Cell chemical biology, 29(8), 1333.

Payne NC, et al. (2022) Resolving the deceptive isoform and complex selectivity of HDAC1/2 inhibitors. Cell chemical biology, 29(7), 1140.