

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Tecan: SPARK Multimode Microplate Reader

RRID:SCR\_021897

Type: Tool

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### Proper Citation

Tecan: SPARK Multimode Microplate Reader (RRID:SCR\_021897)

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### 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, SPARK system, USEDit, acquipment, Spark, Spark multimode reader, SPARK Multimode Microplate Reader

**Resource Type:** instrument resource

**Availability:** Restricted

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_021897.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_021897.pdf)

**Resource Name:** Tecan: SPARK Multimode Microplate Reader

**Resource ID:** SCR\_021897

**Record Creation Time:** 20220421T050137+0000

**Record Last Update:** 20260725T190953+0000

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### 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 18 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Wang P, et al. (2025) Glecirasib, a Potent and Selective Covalent KRAS G12C Inhibitor Exhibiting Synergism with Cetuximab or SHP2 Inhibitor JAB-3312. Cancer research communications, 5(5), 792.

Xiong EH, et al. (2025) Protocol to identify genes important for Candida albicans fitness in diverse environmental conditions using pooled bar-seq screening approach. STAR protocols, 6(1), 103645.

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.

Giuntini F, et al. (2025) MYC inhibition by Omomyc causes DNA damage and overcomes PARPi resistance in breast cancer. Cell reports, 44(12), 116604.

Wischnewski V, et al. (2025) The local microenvironment suppresses the synergy between irradiation and anti-PD1 therapy in breast-to-brain metastasis. Cell reports, 44(3), 115427.

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 $\alpha$  by Mast Cells to Restrain Neuroendocrine Prostate Cancer. Cancer immunology research, 12(9), 1147.

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

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

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.