Resource Summary Report

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Tecan Infinite M200 Pro Multimode Microplate Reader

RRID:SCR_019033
Type: Tool

Proper Citation

Tecan Infinite M200 Pro Multimode Microplate Reader (RRID:SCR_019033)

Resource Information

URL: https://www.thelabworldgroup.com/product/tecan-m200-multimode-plate-reader/

Proper Citation: Tecan Infinite M200 Pro Multimode Microplate Reader (RRID:SCR_019033)

Description: Tecan Infinite M200 Pro is multi-detection microplate reader used for biological applications including protein quantification, ELISA, binding studies, DNA quantification, gene expression, immunoassays, toxicity, cell viability, RNA quantification, cell-based and enzyme assays.This modular Tecan plate reader is monochromator based system, with no need for filters, giving range from 230-1000 nm Abs or 300-600nm FI in 1 nm steps. With spectrally enhanced, red-sensitive PMT, the FI range extends to 330-850nm for NIR readings. Modules featured can be Monochromator absorbance, fluorescence top, fluorescence bottom, Luminescence, Incubation, injection, and enhanced photomultiplier tube (PMT) for red sensitivity that brings the detection limit to 45 pM. Please see individual SKU numbers for a list of installed modules. Heating module that’s installed on the microplate reader, allows for the chamber to keep at 37°C for those temperature sensitive samples. Can read microplates from 6 up to 384 well plates, along with PCR plates. Tecan M200 Microplate Reader is driven by Magellan software, which allows you to easily navigate run from start to finish. The user can choose from predetermined assays or build their own from scratch.

Synonyms: Tecan Infinite M200 Pro, Infinite M200 Pro

Resource Type: instrument resource

Keywords: Tecan, Plate Reader, multi-detection microplate reader, assays reader, protein quantification, ELISA, binding studies, DNA quantification, gene expression, immunoassays, toxicity, cell viability, RNA quantification, cell based assays, enzyme assays,

Funding:

Availability: Restricted

Resource Name: Tecan Infinite M200 Pro Multimode Microplate Reader

Resource ID: SCR_019033

Alternate IDs: Model_Number_Infinite_M200_Pro

Alternate URLs: https://www.tecan.com/hubfs/30125944_IFU_Infinite200-PRO_V1_4_English_German-Warnings.pdf

Old URLs: https://lifesciences.tecan.com/plate_readers/fluorescence_absorbance_luminescence

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Ratings and Alerts

No rating or validation information has been found for Tecan Infinite M200 Pro Multimode Microplate Reader.

No alerts have been found for Tecan Infinite M200 Pro Multimode Microplate Reader.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Rayamajhi S, et al. (2024) Tracking Small Extracellular Vesicles Using a Minimally Invasive PicoGreen Labeling Strategy. ACS applied bio materials, 7(11), 7770.

Thomas JR, et al. (2024) Abcg2a is the functional homolog of human ABCG2 expressed at the zebrafish blood-brain barrier. Fluids and barriers of the CNS, 21(1), 27.

Robey RW, et al. (2024) The Methyltransferases METTL7A and METTL7B Confer Resistance to Thiol-Based Histone Deacetylase Inhibitors. Molecular cancer therapeutics, 23(4), 464.

Sasaki Y, et al. (2024) Synergistic anti-tumor effects of oncolytic virus and anti-programmed cell death protein 1 antibody combination therapy: For suppression of lymph node and distant metastasis in a murine melanoma model. Biochemical and biophysical research communications, 740, 151011.

Rossmueller G, et al. (2023) Preclinical Evaluation of ON203, A Novel Bioengineered mAb Targeting Oxidized Macrophage Migration Inhibitory Factor as an Anticancer Therapeutic. Molecular cancer therapeutics, 22(5), 555.

Song C, et al. (2023) Aminoprocalcitonin protects against hippocampal neuronal death via preserving oxidative phosphorylation in refractory status epilepticus. Cell death discovery, 9(1), 144.

Altay MF, et al. (2023) Development and validation of an expanded antibody toolset that captures alpha-synuclein pathological diversity in Lewy body diseases. NPJ Parkinson's disease, 9(1), 161.

Turaga SM, et al. (2023) Inducing Mitotic Catastrophe as a Therapeutic Approach to Improve Outcomes in Ewing Sarcoma. Cancers, 15(20).

Ferhat M, et al. (2023) The newly engineered monoclonal antibody ON104, targeting the oxidized Macrophage Migration Inhibitory Factor (oxMIF), ameliorates clinical and histopathological signs of collagen-induced arthritis. European journal of pharmacology, 956, 175997.

Perea JR, et al. (2022) p38 Inhibition Decreases Tau Toxicity in Microglia and Improves Their Phagocytic Function. Molecular neurobiology, 59(3), 1632.

Rauskolb S, et al. (2022) Insulin-like growth factor 5 associates with human Aß plaques and promotes cognitive impairment. Acta neuropathologica communications, 10(1), 68.

Brosseron F, et al. (2022) Soluble TAM receptors sAXL and sTyro3 predict structural and functional protection in Alzheimer's disease. Neuron, 110(6), 1009.

Salaka RJ, et al. (2021) Enriched environment ameliorates chronic temporal lobe epilepsy-induced behavioral hyperexcitability and restores synaptic plasticity in CA3-CA1 synapses in male Wistar rats. Journal of neuroscience research, 99(6), 1646.