

Resource Summary Report

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Molecular Devices: SpectraMax Gemini Microplate Reader

RRID:SCR_020298

Type: Tool

Proper Citation

Molecular Devices: SpectraMax Gemini Microplate Reader (RRID:SCR_020298)

Resource Information

URL: <https://www.marshallscientific.com/Molecular-Devices-Gemini-EM-Fluorescence-Microplat-p/md-gem.htm>

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Description: Microplate reader built on Gemini platform delivering high quality top and bottom reading for both solution and cell based assays. The Gemini EM can sample a variety of formats, from 6- to 384-well microplates, in different modes, such as endpoint, spectral scan, kinetic, and well scan. This reader's dual monochromators for excitation and emission cover the wavelength selection from 250 to 850 nm. Utilize both top and bottom fluorescence reading for the best optical sensitivity, and read up to four wavelength pairs in endpoint and kinetic measurements. The Gemini EM offers superb accuracy and reproducibility of results, possible with AutoPMT electronics, calibration for comparing RFUs between samples, consistent temperature regulation, programmable Automix, gentle movement, seamless automation, and comprehensive reader validation. Applications for the Gemini EM include enzyme assays, protein quantitation, microbial growth, ELISAs and immunoassays, transporter assays, nucleic acid quantitation, phosphatases/kinases, reporter gene assays, and cell viability, proliferation, and cytotoxicity.

Resource Type: instrument resource

Keywords: Molecular Devices, Microplate Reader, Instrument Equipment, USEDit

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_020298.pdf

Resource Name: Molecular Devices: SpectraMax Gemini Microplate Reader

Resource ID: SCR_020298

Alternate IDs: Model_Number_SpectraMax Gemini EM

Record Creation Time: 20220129T080349+0000

Record Last Update: 20260801T190647+0000

Ratings and Alerts

No rating or validation information has been found for Molecular Devices: SpectraMax Gemini Microplate Reader.

No alerts have been found for Molecular Devices: SpectraMax Gemini Microplate Reader.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sanches ES, et al. (2025) Methylphenidate triggers retinal oxidative stress and mitochondrial dysfunction under physiological conditions but has beneficial effects in inflammatory settings. *Neuropharmacology*, 279, 110623.