

Multimode Microplate Reader

Description

Thermo Scientific Varioskan™ Flash Multimode Reader ([More details](#))

Location

Rm510A, Biotech Centre 1

Features

Wavelength range

Fluorometry

- Excitation: 200 - 1000 nm
- Emission: 270 - 840 nm

Luminometry

- 360 - 670 nm, spectral scanning 270 - 840 nm

Photometry

- 200 - 1000 nm

Assay throughput

Plate type

- Fluorometry: 6- to 1536-well plates
- Luminometry: 6- to 1536-well plates
- Photometry: 6- 384-well plates

μDrop™ plate

- DsDNA detection range from a few micrograms to a few milligrams per milliliter
- Sample volume: 2 - 10 μL

Incubator for temperature critical assays

- From ambient +4 °C to 45 °C at ambient 25 °C

Shaking capability

- Orbital with adjustable speed and diameter

Applications

- DNA, RNA and protein quantitation
- Binding assays
- ADMETox
- Molecular biology assays
- Enzyme kinetic studies
- Ion-channel and cell signaling assays

Contact

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