

Microplate Reader

Brand: PerkinElmer

Model: VICTOR Nivo™

Custodian: Nij kramol

Location: K635 Room, 6th Floor,

Chaloemprakiet Building, Phyathai Campus

Description:

The VICTOR Nivo™ Multimode Plate Reader can be used to quantitatively measure light emitting or absorbing substances both from top and bottom side of the plate, making it suitable for several different assay types including kinetic, cellular, enzymatic and autoimmune assays.

The VICTOR Nivo Multimode Plate Reader can offer five different measurement technologies:

- Absorbance (ABS)

- Fluorescence Intensity (FI)

- Luminescence (LUM)

- Alpha



Specification:

GENERAL	
Measurement technologies	Fluorescence (FI) Luminescence (LUM) Absorbance (ABS) Alpha
Measurement direction	Top, bottom
Measurement mode	End-point, Kinetic, Well bottom scan, Z-focus scan, Spectrum scan (ABS)
Plate types	Plates with 1, 6, 12, 24, 48, 96, 384 or 1536 wells
Plate height	4-21 mm (without dispenser) 12-21 mm (with dispenser)
Temperature control	Ambient +3°C up to +65°C
Z-focus range	0 – 16 mm
Shaking modes	Linear, orbital, double orbital
Number of optical filters	Up to 32
Dispenser unit (optional)	2 injectors
Wavelength range LUM	230 – 850 nm
Wavelength range ABS	230 – 1000 nm
Wavelength range FI (Filter List)	260/10 nm 355/40 nm 380/20 nm 405/10 nm 435/20 nm 460/30 nm 480/30 nm 495/20 nm 530/30 nm 540/30 nm 575/110 nm 580/20 nm 625/30 nm 640/30 nm 685/30 nm 700 nm sp 740/40 nm