

INOElisaR-1 Microplate (Elisa) Reader

The InoElisaR-1 Microplate Reader, with a wavelength range of 340–750nm, is a high-performance solution for a wide range of applications, including immunoassays with colorimetric substrates, such as ELISA, and protein assays such as Bradford and Lowry. It is designed for applications within the clinical, biotechnology research and pharmaceutical laboratory.

The InoElisaR-1 can be used as a stand-alone reader or be controlled by a PC or a PAD with Android system.

The InoElisaR-1 Microplate Reader is a reliable and robust instrument for a wide variety of research and clinical applications.

It reads various kinds of 96-wells plates, and is equipped with shaking function.

It can be used as a stand alone instrument or under PC control with regular or APP software. It is easy-to-use the software.



Features;

1. Easy of use with 7 inch touch screen together with 3 external keys.
2. A broad wavelength range of 340-750nm.
3. Able to use individually or connect with PC and export results or a PAD with Android system.
4. Absorbance range: 0.0~4.000Abs.
5. 8 positions optical filter wheel, equipped with 4 standard optical filters.
6. Fast and accurate measurement of 96-well plates within 6 seconds.
7. Convenient built-in shaker.
8. Wide-format internal thermal graphical printer.
9. Wide applicability for life science and clinical laboratories.



Filters,

The InoElisaR-1 Microplate Reader comes with four standard absorbance filters: 405, 450, 492, and 630nm.

We also supply custom filters at 5~9nm intervals from 340 to 750nm on request.

Software,

InoElisaR-1 keeps with high visual and logical user interface of software, it can be offered a comprehensive inbuilt calculations, such as blank subtraction, quantitative curve fit, quantitative classification and kinetic calculations, as well as the versatile reporting tool and make data reduction.

Technical Specification:

Model	InoElisaR-1
Display	7inch Touch-Screen(800x480dots)
Light source	Quartz-halogen lamp 6V/10W
Wavelength	340-750nm
Optical Filter	Equipped with Filters; 405, 450, 492, 630nm
Half-Bandwidth of Filters	3 - 9nm
Read-Out Range	0~4.000Abs
Linearity (405nm)	0~2.000Abs $\pm 1\%$ 2~4.000Abs $\pm 2\%$
Resolution	0.001Abs
Accuracy (405nm)	$\pm 1\%$ (0-3Abs) $\pm 2\%$ (3-4Abs)
Precision(405nm)	CV $\leq 0.2\%$ (0-3Abs) CV $\leq 1.0\%$ (3-4 Abs)
Test speed	<6s for 96 wells plate
Incubator	N/A
Shaking	3 Modes Shaking: Slow, Medium and Fast
User interface	Integrated software or PC control software
Operation	Touch screen, 3pcs external keys
Storage	200 programs and 100,000 test records
Ports	3 USB ports, for PC, Printer and USB-disk
Dimensions(WxDxH)	440x295x225mm
Weight	10 Kg