

Elisa Microplate Reader

Elisa 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 equipped with shaking function. It can be used as a stand alone instrument or under PC control with regular or APP software. The software is easy-to-use.

Elisa Microplate Reader is a 9-channel absorbance microplate reader that provides not only accurate, reproducible and fast measurements, but also offer innovative design with its easy-to-use control and data analysis software. It is ideal for a variety of ELISA applications in the biology laboratory



► Features :

- Easy of use with 7 inch touch screen together with 3 external keys
- A broad wavelength range of 340-750nm
- Able to use individually or connect with PC and export results
- Absorbance range: 0.0~4.000Abs
- 8 positions optical filter wheel, equipped with 4 standard optical filters
- Rapid and accurate measurement of 96-well plates within 6 seconds
- 9-channel ELISA reader for fast measurements
- Additional reference channel for optimized light intensity
- Endpoint, kinetic and multi-label measurements for a variety of applications
- Shaking with variable time and speed
- PC software, APP software and built-in software for powerful and validated data analysis

► Highlights :

- Easily use with 7 inch touch screen together with 3 external keys
- It 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



► **Specifications :**

Model No.	512-100
Display	7 inch touch screen (800x480 dots)
Light source	Quartz-halogen lamp 6V/10W
Wave length range	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 ±1%, 2~4.000Abs ±2%
Resolution	0.001Abs
Accuracy (405nm)	±1% (0-3Abs); ±2% (3-4Abs)
Precision(405nm)	CV 0.2% (0-3Abs): CV 1% (3-4Abs)
Test speed	<6s for 96 wells plate
Incubator	No
Shaking	3 modes shaking: slow, medium and fast
User interface	Integrated software or PC control software
Operation	Touch screen, 3 pcs external keys
Storage	200 programs and 100,000 test records
Ports	3 USB ports, for PC, printer and USB-disk
Power supply	AC100-240V, 50-60Hz, 2A
Dimensions (W x D x H)	440 x 295 x 225 mm
Weight (kg)	10Kg

► **Ordering Information :**

Model No.	Description
512-100	Elisa Microplate Reader, wave length 340-750nm, 7 Inch Color LCD Touch Screen display
512100 -01	Optical filter 340nm
512100 -02	Optical filter 380nm
512100 -03	Optical filter 405m (Standard)
512100 -04	Optical filter 415nm
512100 -05	Optical filter 450nm (Standard)
512100 -06	Optical filter 492nm (Standard)
512100 -07	Optical filter 540nm
512100 -08	Optical filter 570nm
512100 -09	Optical filter 578nm
512100 -10	Optical filter 590nm
512100 -11	Optical filter 595nm
512100 -12	Optical filter 630nm (Standard)
512100 -13	Optical filter 650nm
512100 -14	Optical filter 690nm
512100 -15	Optical filter 470nm
512100 -16	Optical filter 490nm
512100 -17	Optical filter 510nm
512100 -18	Optical filter 520nm
512100 -19	Optical filter 532nm
512100 -20	Optical filter 546nm
512100 -21	Optical filter 560nm
512100 -22	Optical filter 562nm
512100 -23	Optical filter 600nm
512100 -24	Optical filter 620nm
512100 -25	Optical filter 646nm
512100 -26	Optical filter 663nm
512100 -27	Optical filter 700nm
512100 -28	Optical filter 750nm
512100 -50	Replacement Lamp
512100 -51	Printer
512100 -52	Printer Paper
512100 -53	Calibration Plate