



Your Trusted Worldwide Lab Partner



LabPRO

Labpro Economical Filter-based Elisa Reader

This cost-effective ELISA reader is designed to complete Enzyme-Linked Immunosorbent Assay (ELISA) efficiently. Capable of reading both 48-well and 96-well microplates, it offers reliable data analysis and reporting through computer-controlled operation. Widely used in clinical diagnostics, disease control centers, animal and plant quarantine, veterinary epidemic prevention, biotechnology, food safety, agriculture, and academic research, this entry-level reader is ideal for laboratories seeking essential ELISA functionality at an affordable price. Reliable. Practical. Affordable — the smart choice for standard ELISA applications

Category	Description
Light Source	6V, 10W tungsten halogen lamp, >5,000 hours life
Wavelength Range	400–750 nm
Optical Filters	4 standard filters (405, 450, 492, 630 nm), up to 8 filters
Measurement Methods	Single, dual wavelength, two-point method, dynamic assay, multiple wavelengths
Blank Ways	Single well blank, multiple wells blank, rows and columns blank
Calculation Methods	Linear, Conic, Semi-log, In, Log-Log, Point-Point, Four-Parameter, Spline
Measurement Speed	< 3 seconds (single λ) / 96 wells, < 9 seconds (dual λ) / 96 wells
Measurement Range	0.0000–4.5000 Abs
Resolution	0.0001 A
Linearity	$\pm 0.5\%$ or < 0.025 A
Repeatability	$< 0.1\%$ or ± 0.0025 A
Rows & Columns Difference	< 0.01 A
Display	Built-in XP system, 8" touch screen showing full microplate results
Save Information	Over 300 test programs, 100,000 test results
Interface	2× USB, 1× RS232, 1× VGA, 1× LAN
Power & Environment	12V DC (100–240V AC input), 5–40°C, humidity: 10%–90%
Dimensions (L×W×H)	52.5 × 42.0 × 26.0 cm
Net Weight	9 kg



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