

ELISA READER IG-96T



CONTACT US

info@igenels.com
www.igenels.com

ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

DESCRIPTION.

The ELISA Reader IG-96T is a sophisticated instrument designed for measuring fluorescent, chemiluminescent, and chromogenic responses in ELISA assays. It is tailored to fit standard 96-well plates and provides precise quantitative data for each well, enhancing efficiency in diagnostic and research applications.



FEATURES

User-Friendly Interface: Graphical and ergonomic interface for seamless operation.

Display: Bright, large LED touchscreen for enhanced visibility and intuitive control.

Plate Layout: Flexible setup accommodating blanks, standards, samples, references, and QC on a single screen.

Multi-Test Functionality: Supports up to 24 distinct tests on one plate, streamlining complex workflows.

Optical System: Features an 8-channel optical fiber scanning system with auto plate-centering for precise measurements.

Wavelength Options: Single or dual wavelength readings, with advanced data evaluation tools including cut-offs and curve-fits.

Calibration and Adjustment: Automatic lamp adjustment and calibration for improved accuracy and reduced operational costs.

Data Input and Output: Touchscreen supports handwriting input and compatibility with a mouse and keyboard. Data output options include local storage, USB, and network integration (Text and Excel formats).

Reporting: More than 20 reporting formats available, including comprehensive patient reports, with USB printer support.

SPECIFICATIONS

Plate Style	48-hole,96-hole microplate or bar plate
Applicable hole	Flat, V-bottom or U-bottom
Wavelength Range	400 ~ 800 nm
Standard Filters	405,450,492,630nm
Additional Filters	On request, filter wheel for up to 8 filters
Reproducibility	≤0.2%
Shaking	Linear Shaking, 3 speeds
Screen	7 Inch colour LCD
Interface	USB, VGA, Network Interface, Audio Interface, RS-232
Read Speed	Single wavelength ≤ 3s /96 holes
Power Supply	100 ~ 240V, 50 ~ 60Hz

PARAMETERS

Light Source	Controlled tungsten halogen lamp
Photodetector	Silicon Photodiode
Indication Range	0.000~4.000OD
Accuracy	±1.0% at 1.0 OD, 450nm
Resolution	0.001OD
Stability	±0.003OD
Display	10.4-inch colour LED display, resolution 1024*600
Data Storage	2,000,000 test data, more than 500 test projects
Best Environment	5°C ~ 40°C; max humidity:80%
Dimensions/Weight	460 × 350 × 197 mm/10kg



CONNECT WITH US.

ADDRESS

16/2, BLOCK 16, ASHOK NAGAR,
NEW DELHI-110018

TELEPHONE

+91 11 79613060

EMAIL

info@igenels.com

WEBSITE

<https://www.igenels.com>



GeM
Government
e Marketplace

