

BIOEASY Immunofluorescence Analyzer

EASY-11



Features

- Easy to operate, portable, and suitable for on-site testing.
- Built-in embedded computer running a Linux operating system.
- 5-inch capacitive touchscreen display.
- Built-in thermal printer
- Automatically recognizes QR codes on test cards to retrieve test item, calibration curve, lot number, serial number, and other related information.
- Track-type card slot with automatic card ejection after reading.
- Precisely identifies the C/T line positions, with reading deviation controlled within ± 3 mm.
- Fault detection alerts include contaminated reading module, abnormal C-line, reversed/improper card insertion, expired test cards, etc.
- Supports the reading of other Bioeasy fluorescence-based assay items.

BIOEASY Incubator

- Supports both cooling and heating; incubation temperature can be set below or above ambient temperature.
- Precision temperature control at $\pm 0.1^{\circ}\text{C}$.
- Automatically identifies test cards.
- Six independent incubation channels, each with its own countdown timer and an audible alert.



Fluorescence Lateral Flow Rapid Test Kit

Art. No.	Product	Spec.	Application	Linear Range
YRF5001K	Aflatoxin B1 (AFB1) Fluorescence Quantitative Rapid Test Kit (1–50 ppb)	50T	Grains and their by-products, compound feed, nuts, vegetable oils	1–50 ppb
YRF5001K-2	Aflatoxin B1 (AFB1) Fluorescence Quantitative Rapid Test Kit (1–50 ppb) For Vegetable Oil Only	50T	Vegetable oils	1–50 ppb
YRF5002K	Deoxynivalenol (DON) Fluorescence Quantitative Rapid Test Kit (50–5000 ppb)	50T	Grains and their by-products, compound feed, nuts	50–5000 ppb
YRF5002K-2	Deoxynivalenol (DON) Fluorescence Quantitative Rapid Test Kit (50–5000 ppb) Water Extraction	50T	Grains and their by-products, compound feed, nuts	50–5000 ppb
YRF5003K	Zearalenone (ZEN) Fluorescence Quantitative Rapid Test Kit (10–1000 ppb)	50T	Grains and their by-products, compound feed, nuts, corn oil	10–1000 ppb
YRF5003K-7	Zearalenone (ZEN) Fluorescence Quantitative Rapid Test Kit (20–1000 ppb)	50T	Soybeans, soybean products, and feeds containing soybean-derived ingredients	20–1000 ppb
YRF5004K	Ochratoxin A (OTA) Fluorescence Quantitative Rapid Test Kit (2.5–50 ppb)	50T	Grains and their by-products, compound feed, nuts	2–50 ppb
YRF5005K	T-2 Toxin Fluorescence Quantitative Rapid Test Kit (10–1000 ppb)	50T	Grains and their by-products, compound feed, nuts	10–1000 ppb
YRF5005K-2	T-2 & HT-2 Fluorescence Quantitative Rapid Test Kit (10–1000 ppb)	50T	Grains and their by-products, compound feed, nuts	10–1000 ppb
YRF5006K	Fumonisin (FUM) Fluorescence Quantitative Rapid Test Kit (100–10000 ppb)	50T	Grains and their by-products, compound feed, nuts	100–10000 ppb
YRF5007K	Total Aflatoxin (AFT) Fluorescence Quantitative Rapid Test Kit (1–50 ppb)	50T	Grains and their by-products, compound feed, nuts, vegetable oils	1–50 ppb
YRF5008K	Zearalenone (ZEN) and Deoxynivalenol (DON) 2-in-1 Fluorescence Quantitative Rapid Test Kit	50T	Corn, wheat, brown rice, soybean, similar samples	ZEN: 20–500 ppb; DON: 200–5000 ppb
YRF5009K	Aflatoxin (AFT) Zearalenone (ZEN) Deoxynivalenol (DON) 3-in-1 Fluorescence Quantitative Rapid Test Kit	50T	Corn, wheat, brown rice, soybean, similar samples	AFT: 2–50 ppb; ZEN: 20–500 ppb; DON: 200–5000 ppb

Reagents

- The test cassette uses time-resolved fluorescence microspheres as probes and adopts a competitive fluorescence immunoassay format;
- One-step procedure with no reaction cup required;
- Unified testing method and consistent extraction buffer — a single extraction allows simultaneous testing of multiple analytes;
- Stable at room temperature with a shelf life of 18 months.

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