

Automatic Chemiluminescence Immunoassay System BK1100



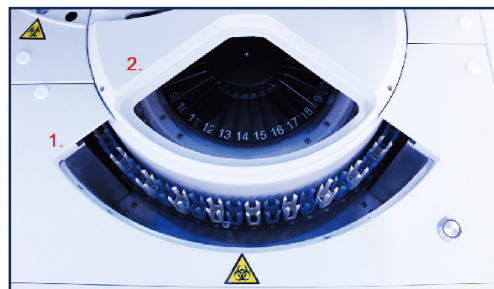
BK1100

Introduction:

The chemiluminescence immunoassay system uses magnetic particle separation technology, which uses magnetic particles as antibody carriers, which can be evenly distributed in the liquid phase reaction system, with faster reaction speed and higher efficiency. Using enzymatic chemiluminescence method, the light signal is more stable.

A new generation of enzymatic substrates, with higher sensitivity and faster luminescence.

Compared with the international brands, the chemiluminescence immunoassay reagents have good consistency, the coincidence rate can reach more than 95%.

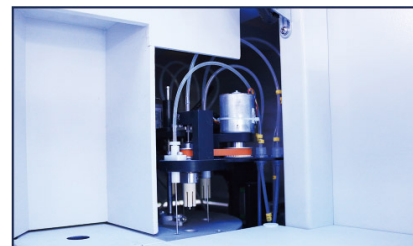


1. Sample Tray:

- * Disc design, up to 60 samples loading capacity per batch.
- * The position of sample, standard product and quality control positions can be edited.
- * Support emergency function.

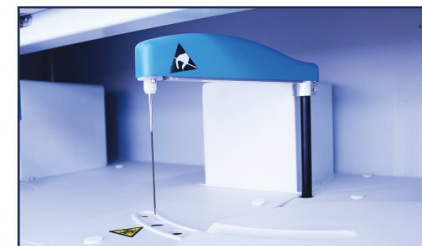
2. Reagent Tray:

- * Patented semiconductor refrigeration technology.
- * Up to 30 reagent position on board with refrigeration at 2-8°C.
- * Up to 30 items can be tested at the same time.



Washing and Mixing Module:

- * Three-level cleaning mode, higher cleaning efficiency.
- * Non-contact mixing to avoid cross-contamination.



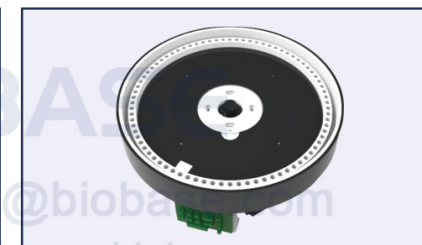
Sample Probe:

- * Excellent rinsing system make carry-over $\leq 10^{-5}$.
- * Liquid-level and blood clot detection system.
- * Intelligent anti-collision function.
- * Sampling volume: 15ul-100ul.



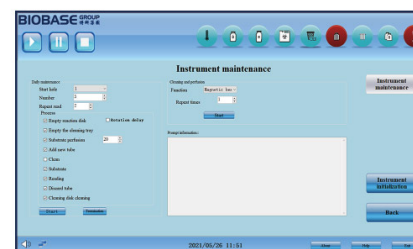
RV Loading Module:

- * Independent reaction vessel.
- * Up to 1200 pcs per batch with continues loading.
- * Automatically supply reaction vessel.
- * Intelligently detect the amount of RV.



Incubation Plate:

- * 50 incubation positions.
- * Constant 37°C incubation.



Instrument Software:

- * Flexible sample test mode: STAT function, automatic dilution, reset function, continuous loading.
- * Reagent management: the remaining amount, calibration validity, expiry date management.
- * Consumables management: continuous monitoring and low-level warning.
- * Result management: store search, print and statistics, automatic unit conversion function.
- * LIS/HIS connection.
- * Auto daily maintenance.