BioLAB

PRODUCT CATALOG

AUTOMATIC CHEMILUMINESCENCE IMMUNOASSAY BEC-17001

CE ISO9001 CERTIFIED

www.biolabscientific.com

CHEMILUMINESCENCE IMMUNOASSAY ANALYZER BEC-17001

AUTOMATIC CHEMILUMINESCENCE IMMUNOASSAY

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.

Humanized software functions
Reagent loading and sample operation are convenient and intuitive
Intuitive display of sample status in testing
Support checking experiment results by sample or project
Reagents and consumables status warning
Accurately record the use of reagents for each project
Accurately record the remaining amount of consumables
Timely alarm when the remaining consumables is insufficient
Simple and intuitive quality control process
Convenient addition of quality control experiments
Intuitive display of quality control results
Support various forms of T-P chart and L-J chart

SPECIFICATIONS

Model	BEC-17001
Throughput	240T/H
Principle	Magnetic particle enzymatic chemiluminescence
Modes of Operation	Random, Batch and STAT
Separation Method	Magnetic separation technology
Sample Positions	60 (Each position could be used as an emergency position)
Reagent Positions	25 pcs (2-8°C refrigeration)
Incubation Positions	90
Time to 1st Result	12min
Sample Volume	10-200μl
Detection Precision	CV≤3%
Carry-over Rate	$\leq 10^{-5}$
Correlation Coefficient	r≥0.99
Calibration Stability	28 Days
Calibration Type	6/7-point calibration
Software System	Comes with a screen, Linux system
Interface	TCP/IP Network interface
Other Function	Liquid level detection
Power Supply	AC 100-240V, 50/60Hz
External Size (WDH)	1000685750
Net Weight	132kg
Package Size (WDH)	1338838954mm
Gross Weight	201kg
Alt Name	Automatic Chemiluminescence Immunoassay

FEATURES

Humanized software functions
Reagent loading and sample operation are convenient and intuitive
Intuitive display of sample status in testing
Support checking experiment results by sample or project

Reagents and consumables status warning
Accurately record the use of reagents for each project
Accurately record the remaining amount of consumables
Timely alarm when the remaining consumables is insufficient

Simple and intuitive quality control process
Convenient addition of quality control experiments
Intuitive display of quality control results
Support various forms of T-P chart and L-J chart

Convenient and flexible maintenance functions
The maintenance program is comprehensive
Individual maintenance work can be flexibly chosen
Daily, monthly and yearly maintenance work is clearly distinguished

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com