

## Chemiluminescence Reagent

## Immunoassay

### Thyroid

- TSH
- TT3
- TT4
- FT3
- FT4
- TG
- Anti-TPO
- Anti-TG
- TRAb\*
- Serum rT3\*

### Sex Hormones

- LH
- FSH
- PRL
- P(progesterone)
- T(testosterone)
- $\beta$ -HCG
- AMH
- E2

### Tumor Markers

- AFP
- CEA
- CA125
- CA15-3
- CA19-9
- SCCA
- t-PSA
- f-PSA
- Ferritin
- HE4
- NSE
- PIVKA II\*
- CYfra21-1
- proGRP
- PGI
- PGII
- G-17
- CA72-4

### Infectious Diseases

- HBsAg
- HBsAg(quant)
- Anti-HBs
- HBeAg
- Anti-HBe
- Anti-HCV
- HIV Ag/Ab
- Anti-TP
- SARS-CoV-2 NAb

### Cardiac Markers

- cTnI
- hs-cTnI
- MYO
- CK-MB
- NT-proBNP
- D-dimer

### Inflammation Markers

- PCT
- IL-6
- SAA
- wCRP
- TNF- $\alpha$
- HBP\*

### Glycometabolism

- INS
- C-P

### Drug Monitoring

- DIG

### Anemia

- Vitamin B12 \*
- Folate\*

### Bone Metabolic

- Intact PTH\*
- Vitamin D\*

\*Coming soon

**KHB**  
KEHUA BIOTECH



Shanghai Kehua Bio-engineering Co., Ltd.  
Mail: International@skhb.com  
Phone: +86-21-64950625  
Website: <https://www.skhb.com/en/>  
Address: 1189 North Qinzhou Road, 200233, Shanghai

Rev.: V3 Rel.: February 27, 2025

# Automatic Chemiluminescence Immunoassay Analyzer

## Polaris V150



**KHB**  
KEHUA BIOTECH

Care for life Dedicate to excellence

# Polaris V150

## Automatic Chemiluminescence Immunoassay Analyzer

The KHB Polaris V150 is a desktop fully automatic chemiluminescence immunoassay analyzer from the KHB Polaris series. It is designed for small and medium-sized laboratories, while also offering the capability for emergency testing in large hospitals and third-party laboratories.

Compact

- Desktop Analyzer
- Compact design with small footprint, only 0.36 m<sup>2</sup>
- Built in touchscreen, no external devices required

Accurate

- High performance ALP-AMPPD system
- High accuracy and precision, CV<3%
- Integrated reagent kit including calibration

Convenient

- STAT prioritized
- Continuous loading of sample, reagent and cuvettes
- Support sample dilution in machine
- 24-hour onboard refrigeration of reagents
- Support remote monitoring and automatic maintenance

Polaris V150 Automatic Chemiluminescence Immunoassay Analyzer Parameter Specification

Throughput	150 Tests per hour
Sample Type	Serum, plasma, etc.
Sample Capacity	40 sample positions (5 racks), STAT available
Sample volume	5 µL-100 µL, with increment of 1 µL
Sample Needle Function	Liquid level detection, clot detection, empty suction detection, anti-collision detection
Auto-dilution	Support
Reagent Capacity	15 reagent positions, support 2 ~ 8 °C refrigeration
Reagent Volume	15 µL-200 µL, with increment of 1 µL
Reagent	All-in-one kit, including calibrators, with QR code containing reagent information and master curve
Reagent Loading	Support continuous loading of reagent
Reaction Cup	Disposable reaction cup, continuous loading
Software Connection	Support bi-directional LIS connection
Operating System	Windows system, built-in touchscreen
Automatic Maintenance	Support
Remote Monitoring	Support
Power Supply	100-240V~, 50/60Hz
Input Power	650 VA
Operating Temperature	21°C ~ 28°C
Dimension (mm)	680mm*535mm*580mm (L*W*H)
Weight	80kg