# **Technical Specifications**

Principle	Nephelometry, Colorimetry
Throughput	Up to 100 T/H
Reagent Positions	40 (Maximum of 36 positions can be freely used as sample positions)
Cuvette	32 reusable cuvettes
Sample Type	Whole blood, serum, plasma, urine
Dilution Unit	1 independent dilution position
Sample Dilution	1:1 to 1:40,000
Measuring Temperature	36±0.5℃
Emergency Position	Independent translational STAT position
Barcode Scanning	Bulit-in barcode scanning for sample and reagent
Data Storage	150,000 sample results
Data Transmission	Bi-directional LIS or HIS transmission
Calibration	Magnetic card&calibrator, multi-point calibration
Wavelength	Nephelometry: 630nm~690nm; Colorimetry: 340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm, 700nm
Water Consumption:	1.2L/H
Interface	6 USB ports, 1 RJ45 port, 1 serial port
Weight	80KG
Dimensions	650mm (W)×600mm (D)×640mm (H)

#### Genrui Biotech Inc.

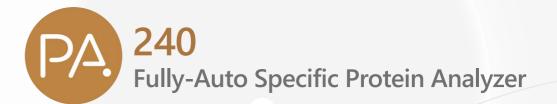
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Dedicated Specific Protein Analyzer **Every Lab Can Trust** 

# Product Features



#### Cost effective

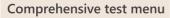
- 32 reusable cuvettes, 1 independent reusable dilution position
- Reagent kit comes standard with calibrator and quality control
- One set of reagents for blood and urine
- Long life light source, reduce the frequency of replacement
- Low water consumption, only 1.2L/H



#### Reliable performance

- Advanced nephelometry technology, offer higher sensitivity and precision
- Three-step efficient cleaning, avoid cross-contamination
- Highly sensitive liquid level detection, auto depth adjustment, dirty cuvette detection and probe clogging detection, ensure results accuracy
- 24 hours non-stop reagent cooling, ensures on-board reagent stability





- Specialized reagents for specific
- Combined biochemistry items provides a comprehensive solution for kidney diseases



## High efficiency

- Up to 100 tests per hour
- Auto-dilution and retest for high value samples without user intervention, dilution rate up to 1:40,000
- Continuously loading without interruption
- Independent translational STAT position



## **Easy operation**

- One-step quality control and calibration, calibration and quality control will start automatically once the barcode
- Auto barcode scanning for primary sample tubes and reagents, minimizes manual steps
- 10.4-inch touch screen
- Intelligent software with intuitive navigation
- Bi-directional LIS or HIS transmission



Applications	Item	Sample type
Renal Function	α1-MG	S/U
	ß2-MG	S/U
	mALB	U
	CREA	S/P/U
	NAG	U
	RBP	S/U
	KAP	S/U
	LAM	S/U
	NGAL*	S/U
	CYS-C	S/P/U
	α2-MG*	S/U
	UTP	U
	ASO	S/U
Rheumatism	RF	S/U
	ССР	S
	CRP	S/P/W
Coagulation	D-Dimer	Р
	IgG	S/U
Immunoglobulin	IgA	S/P
J	IgM	S/P
	IgG4	S/P
	C3	S/P
	C4	S/P
	CRP	S/P/W
Inflammation	SAA	S/P/W
	НВР	Р
	HbA1c	W
Glycometabolism	ADP*	S/P
Nutrition	TRF	S/U
Pneumonia	KL-6*	S/P

Sample type: W-Whole blood, P-Plasma, S-Serum, U-Urine