

PA 54

Specific Protein Analyzer



Application	Parameters	Sample Type	Linear Range
Inflammation Monitoring	CRP	Whole blood/serum	3-300mg/L
Cardiovascular Diseases	HS-CRP	Whole blood/serum	0.25-20mg/L
	Anti-CCP	Serum	5-100IU/L
Rheumatism Monitoring	RF	Serum/plasma	3-160IU/mL
	ASO	Serum/plasma	20-800IU/mL
Diabetes Monitoring	HbA1c	Whole blood	2-15%
Renal Function Monitoring	CYS-C	Serum/plasma	0-8mg/L
	mALB	Urine	10-200mg/L
Clotting Monitoring	D-Dimer	Plasma	0-20mg/L
	IgG	Serum/plasma	2-40g/L
Immunological Diseases	IgA	Serum/plasma	0.4-8g/L
	IgM	Serum/plasma	0.05-5g/L
	C3	Serum/plasma	0.04-4.5g/L
	C4	Serum/plasma	0.015-2g/L

Tests/Kit: 25T/2×25T/50T/100T

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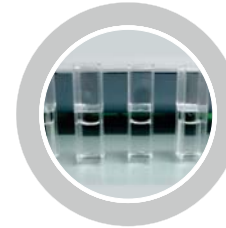


General Features

- 5.6 inches color touch screen
- Calibration by magnetic card
- 4 independent channels
- Disposable cuvette, no carryover
- Can be extended more than 30 parameters
- Support LIS and barcode
- Less and easy maintenance

Parameter	Ingredient Volume				
	Buffer	Diluent	Latex	Sample	Anti-serum
CRP	600μL	-----	-----	2μL	60μL
HS-CRP	600μL	-----	-----	2μL	60μL
HbA1c	-----	1000μL	300μL	20μL	100μL
mALB	400μL	-----	-----	20μL	40μL
ASO	300μL	-----	-----	5μL	100μL
RF	300μL	-----	-----	5μL	100μL
Anti-CCP	350μL	-----	-----	10μL	50μL
D-Dimer	300μL	-----	-----	6μL	100μL

Test procedure



Step one
Put stirrer and buffer into the cuvette



Step two
Pipette the sample into the cuvette



Step three
Pipette anti-serum into the cuvette

Technical Specifications

- Principle: Nephelometry
- Throughput: 160 samples/hour
- Parameters: HS-CRP, CRP, HbA1c, mALB, D-Dimer, Anti-CCP, RF, ASO, CYS-C, IgA, IgM, IgG, C3, C4, etc. Can be extended more than 30 parameters
- Sample type: Whole blood, serum, plasma, urine etc.
- Light source: Diode laser, 650nm wavelength
- Calibration: Magnetic card, make the result more accurately
- Cuvette: Disposable cuvette
- Testing channel: 4 independent channels
- Reaction time: 1.5~3min
- Language: English, Russian
- Display: 5.6 inches color touch screen
- Memory: 100,000 results storage
- Print: Auto and manual printing, thermal printer
- Working temperature: 10~30°C
- Precision: CV≤5%
- Power supply: AC 100-240V 50/60Hz
- Size: 345mm×352mm×180mm
- Net weight: 5.4kg
- Support LIS and barcode
- NGSP certified

