

PA 50/54

Specific Protein Analyzer

Application	Parameters	Sample Type	Linear Range
Inflammation Monitoring	CRP	Whole blood/serum	3-300mg/L
	SAA	Wholeblood/serum	5-300mg/L
Cardiovascular Diseases	HS-CRP	Whole blood/serum	0.25-20mg/L
Rheumatoid Diseases	CCP	Serum	5-100IU/mL
	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	10-220mg/L
Clotting Monitoring	D-Dimer	Plasma	0-20mg/L
Immunological Diseases	IgG	Serum/plasma	2-40g/L
	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



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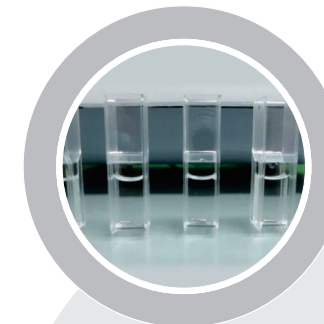
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General Features

- 5.6-inch color touch screen
- Calibration by magnetic card
- 1 or 4 independent channels
- Disposable cuvette, no carryover
- Support LIS and barcode scanner
- Less and easy maintenance

Ingredient Volume Parameter	Buffer	Diluent	Latex	Sample	Anti-serum
CRP	600μL	-----	-----	2μL	60μL
HS-CRP	600μL	-----	-----	2μL	60μL
HbA1c	-----	1000μL	300μL	20μL	100μL
SAA	400μL	-----	-----	2μL	100μL
ASO	300μL	-----	-----	5μL	100μL
RF	300μL	-----	-----	5μL	100μL
CCP	350μL	-----	-----	10μL	50μL
D-Dimer	300μL	-----	-----	6μL	100μL
IgG	600μL	-----	-----	2μL	80μL
IgA	400μL	-----	-----	4μL	100μL
IgM	400μL	-----	-----	4μL	100μL
C3	400μL	-----	-----	4μL	100μL
C4	400μL	-----	-----	4μL	20μL
CYS-C	300μL	-----	-----	10μL	100μL
mALB	400μL	-----	-----	20μL	40μL

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	40 or 160 samples/hour
Parameters	CRP, SAA, HS-CRP, CCP, RF, ASO, HbA1c, CYS-C, mALB, D-Dimer, IgG, IgA, IgM, C3, C4, etc.
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	1 or 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	275mm×278mm×145mm or 345mm×352mm×180mm
Net weight	3.2kg or 5.4kg
Support LIS and barcode	
NGSP certified	

