

PA 50/54

Specific Protein Analyzer



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Application	Parameters	Sample Type	Linear Range
Inflammation Monitoring	CRP	Whole blood/serum	3-300mg/L
	SAA	Whole blood/serum	5 -100mg/L
Cardiovascular Diseases	HS-CRP	Whole blood/serum	0.25-20mg/L
	CCP	Serum	5-100IU/L
Rheumatoid Diseases	RF	Serum/plasma	3-160IU/mL
	ASO	Serum/plasma	20-800IU/mL
Diabetes Monitoring	HbA1c	Whole blood	2-15%
	CYS-C	Serum/plasma	0-8mg/L
Renal Function Monitoring	mALB	Urine	10-200mg/L
	β 2-MG	Serum/urine	0.2-18mg/L
	RBP	Serum	10-120mg/L
	NGAL	Plasma	50-5000ng/mL
Clotting Monitoring	D-Dimer	Plasma	0-20mg/L
	FDP	Plasma	2.8-80mg/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
Gastric Function	PGI	Serum	2.5-160ug/L
	PGII	Serum	2.0-70ug/L

Tests/Kit: 25T, 2×25T, 50T



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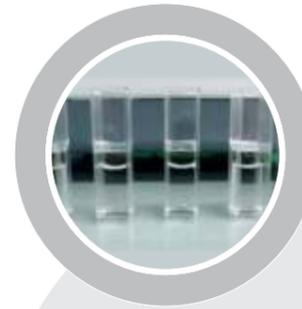
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General Features

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

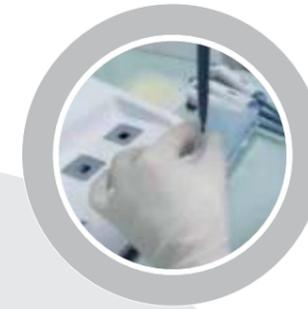
Ingredient	Buffer	Diluent	Latex	Sample	Anti-serum
CRP	600μL	----	----	2μL	60μL
HS-CRP	600μL	----	----	2μL	60μL
HbA1c	-----	1000μL	300μL	20μL	100μL
SAA	400μL	----	----	5μL	100μL
β 2-MG	400ul	----	----	5ul	40ul
NGAL	400ul	----	----	10ul	90ul
RBP	420ul	----	----	7ul	100ul
ASO	300μL	----	----	5μL	100μL
RF	300μL	----	----	5μL	100μL
CCP	350μL	----	----	10μL	50μL
D-Dimer	300μL	----	----	6μL	100μL
FDP	420ul	----	----	10ul	100ul

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	SAA,HS-CRP, CRP, HbA1c, β 2-MG, NGAL, FDP, 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	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	

