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PA 54

Specific Protein Analyzer

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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

Ingredient Volume Parameter	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

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Test procedure



Step one

Put stirrer and buffer into the cuvette



Step two

Pipette the sample into the cuvette

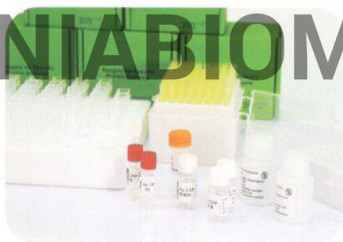
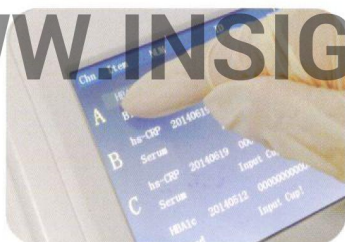


Step three

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	



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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
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/50T/100T

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