

Little Fighter QR Series Specific Protein Analysis System

- Rapid** : New fast immunity measurement system. Test result can be reported within 2 minutes.
- Quantitative** : Dual system of nephelometry and turbidimetric tests, high sensitivity, wide testing range.
- Convenient** : RF type non-contact magnetic card of reagent information, the human-machine touch screen is easy and visual to operate.
- Reliable** : Specimen dilution and calibration of hematokrit (HCT) make the result uniform.



Main technical features

- Test principles** : dual system of nephelometry and turbidimetric test with higher sensitivity and wider testing range.
- Test structure** : replaceable laser device and integrated test structure.
- Channel quantity** : single channel or dual channel, tests specimens independently in different programs.
- Test methods** : automatically Point-Of-Care Testing, test and number automatically after test tube is put in the device.
- Test operation** : touch screen, easy operation, intelligent temperature control and mixing, automatically recognize blank and calculate results.
- Specimen dilution**: optional specimen types, specimen dilution ratios can be input and convert results automatically.
- Items selection** : RF non-contact card with saved reagents' parameters, only need to read card one time for same item in the same day.
- HCT calibration** : conversion of HCT value makes the results unified in the whole blood and the serums.
- Result output** : show all results in the same screen, easy to print and output.

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QR Series Specific Protein Analysis System



QR-200 Dual Channel



QR-100 Single Channel



Four Categories of Reagent kits POINT-OF-CARE TESTING



Fast-and-quantitive tests for specific proteins controlled by microcomputer.



QR Series Specific Protein Analysis System and Reagent Kits

Reagent Kits

Code	Item	Packing	Specimen Type and Dosage	Test Range	Reference Range	Clinical Significance
101	CRP	50 Tests/kit	10µl peripheral blood, vein blood, serum, plasma	3-81 mg/l serum	<10mg/l	Identify bacterial infection or virus infection. Dynamically monitor the course of disease. Observe the effectiveness of antibiotics.
102		200 Tests/kit		3-120mg/l whole blood		
201	hs-CRP	50 Tests/kit	20µl serum, peripheral blood	0.20-16.0 mg/l	0.1-10 mg/l	Predict morbidity and mortality of cardiovascular disease. Identify newborn bacterial infection and guide clinical use of antibiotics.
202		200 Tests/kit			1-3 mg/l	
301	mALB	25 Tests/kit	100µl urine	10-160 mg/l	<20mg/l	Assess the early lesions of kidney. An ideal endogenous marker of the glomerular filtration rate. Monitor the early lesions of diabetic Mellitus. Discover the possibilities of cardiovascular accident and unhealthy kidney function of hypertensive patient.
302		50Tests/kit				
401	Cys-C	25 Tests/kit	10µl serum	0.2-6.0 mg/l	<1.45mg/l	Monitor the early lesions of kidney caused by urinary tract infection, etc.
402		50Tests/kit				

Technical parameters

Specimen type	: Peripheral whole blood, vein whole blood, serum, plasma, urine specimens;
Specimen No.	: Automatic numbering 1~999 for the same test, optional barcode scanner;
Whole blood HCT	: 00.00-99.99% adjustable;
Specimen dilution	: 1-50 times adjustable;
Test speed	: 20-120 sec/test;
Screen	: 5.5 inch LCD touch screen;
Interface	: 3 RS232C interface (Data transmission, external printer, external barcode scanner);
Result storage	: 10000;
Operating voltage	: AC 100V-240V/ DC 12V



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