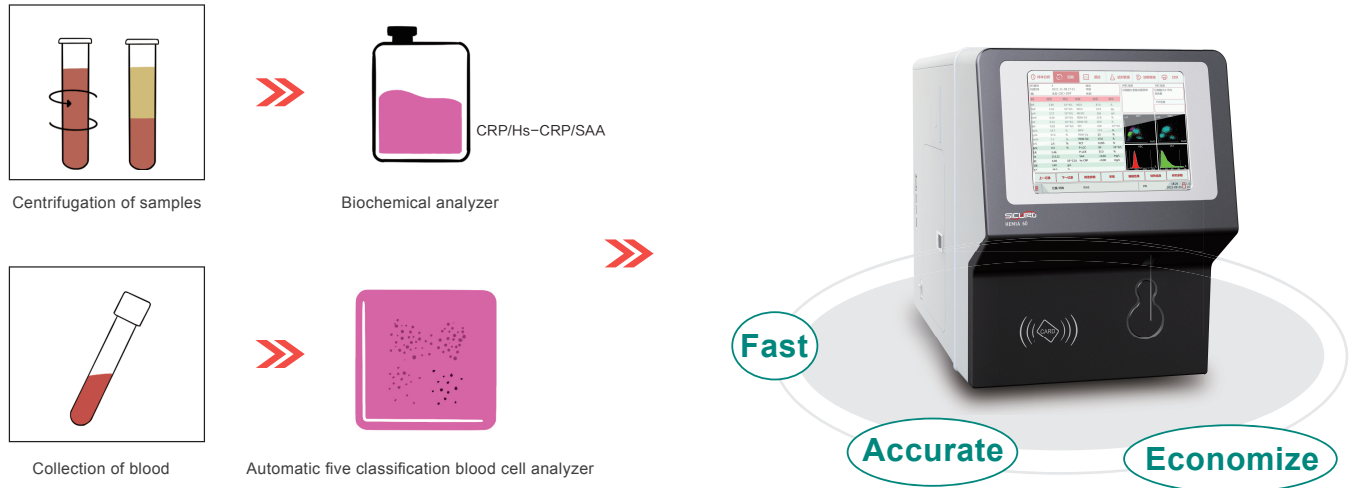


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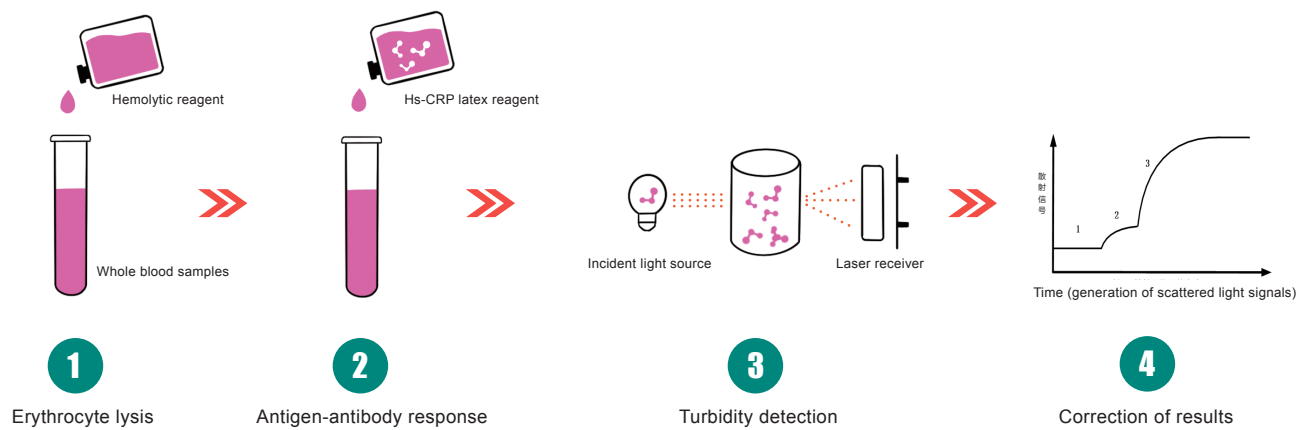
Auto Hematology Analyzer

The results of [blood routine + W-CRP+ SAA] test were obtained



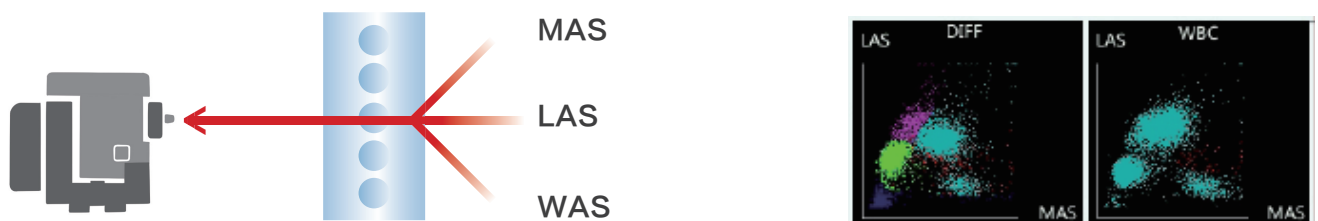
W-CRP/SAA detection principle:

Latex enhanced immune nephelometry method, IFCC recommended method



White blood cell five classification detection principle:

Semiconductor laser multiangle scattering flow cytometry



Definition

Blood routine, W-CRP, and SAA triple combination testing is conducive to improving the accuracy of diagnosis, effectively identifying bacterial virus infections, and no longer abuse of antibiotics

Projects	Blood routine	CRP	SAA
Characteristics	A variety of parameters are combined to detect, the total number of white blood cells and classification has a large clinical significance during the infection	Acute phase response protein Pentamer structure	There are five heterogeneous in the existence of acute pharמעутin
Synthesis	Bone marrow, spleen, liver, etc	Liver	Liver
Clinical features	It is easily affected by physiology, pathological factors (age, daily change, pregnancy and childbirth, drugs, etc.)	Bacterial infection is significantly elevated, virus infection is slightly increased or does not increase	Virus infection has increased significantly, bacterial infection has increased large, and the decline of infection cure declines
Change in concentration	Slow rise, the level of the body decreases slowly after the treatment is effective	Rising period: 6-8 hours Platform period: 24-48 hours Half life: 18 hours	Rising period: 4-6 hours Platform period: 5-6 hours Half life: 50 minutes

High efficiency

- Trace blood collection, while measurement of blood conventional + W-CRP + SAA
- Automatic treatment of faults, automatic dormancy and awakening

Convenient

- Touch control display, gloves can be used to provide convenience and improve biological safety
- Blood conventional+ W-CRP+ SAA joint test only needs 18ul, and the results are produced in one minute
- Built -in reagent warehouse and refrigerated system, saving laboratory space

Practical

- Multiple test mode, application and different scenarios
- Blood routine, W-CRP, SAA arbitrary combination

Accurate

- Tri-angle laser scattering, flow cytometry for WBC differentiation and count Impedance for RBC and PLT count Cyanide-free method for HGB
- HCT automatic correction, W-CRP/SAA results can be traced back to international reference substances

Technical Specifications

Principle	Tri-angle laser scattering, flow cytometry for WBC differentiation and count Impedance for RBC and PLT count Cyanide-free method for HGB
Parameters	CRP、Hs-CRP、SAA、SAA/hs-CRP、WBC、Neu%、Mon%、Eos%、Bas%、LYM%、Neu#、Mon#、Eos#、Bas#、LYM#、NLR、PLR、RBC、HGB、HCT、MCV、MCH、MCHC、RDW-CV、RDW-SD、PLT、MPV、PDW-SD、PDW-CV、PCT、P-LCR、P-LCC
Mode	ALY#、ALY%、LIC#、LIC%、NRBC%、NRBC#、PLTClumps%、PLTClumps#、CBC、CBC+DIFF、CBC+DIFF+W-CRP、CBC+DIFF+SAA、W-CRP、SAA、W-CRP+SAA、CBC+DIFF+W-CRP+SAA and other detection schemes, can be arbitrarily combined
Throughput	60 samples per hour
Sample volume	Whole blood CD mode 15μL, whole blood CD+W-CRP mode 17ul, whole blood CD+SAA mode 17ul, 18ul in whole blood CD+W-CRP+SAA mode and 20ul in prediluted CD mode
Sample type	Venous whole blood, Peripheral whole blood, Prediluted blood
Injection method	Open sample injection
Dimension	352mm*468mm*573mm (L* W* H)

Clinical reminder of joint detection of W-CRP and SAA infection

W-CRP concentration	SAA concentration	Clinical Hints
>50mg/L	100mg/L~500mg/L	There is a greater possibility of acute infection of bacteria, It is recommended to dynamically observe the W-CRP and SAA concentrations to evaluate the treatment effect
10mg~50mg/L	>500mg/L	Severe virus infection, bacterial infection, it is recommended to review after 12-24h

* Blood routine, W-CRP, SAA joint testing. Infectious diseases are more common in clinical diseases. Due to the variety of pathogens, wide infection pathways, and large individual differences, they need to be judged in combination with comprehensive indicators.

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