

+ Clinical Protein Detection Solutions

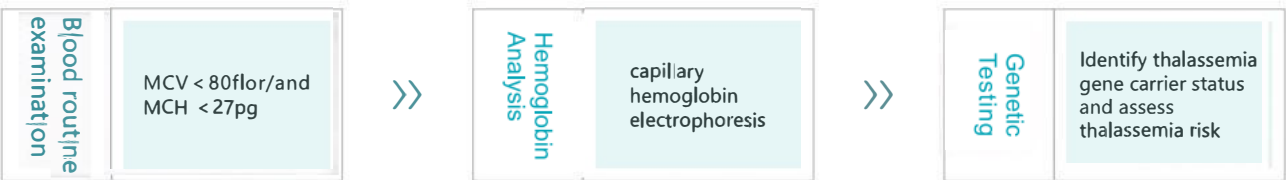
The automatic capillary electrophoresis instrument is suit able for a variety of clinical protein analysis projects, such as serum protein, hemoglobin, urine protein, etc., to provide you with accurate and rel able protein analysis resu ts

Serum protein electrophoresis/immuno typing

- Serum protein electrophoresis results provide the basis for the diagnosis of inflammation, liver cirrhosis, nephrotic syndrome and multiple myeloma
- In the IMWG or NCCN diagnostic criteria, serum protein electrophoresis and Immuno typing to detect monoclonal immunoglobulin are important methods for judging multiple myeloma, and provide an important basis for its typing, staging, prognosis judgment, and follow-up detection.
- Capillary electrophoresis Immuno typing has the following advantages over traditional manual methods: high degree of automation/ High-resolution/ easy to use

Hemoglobin electrophoresis

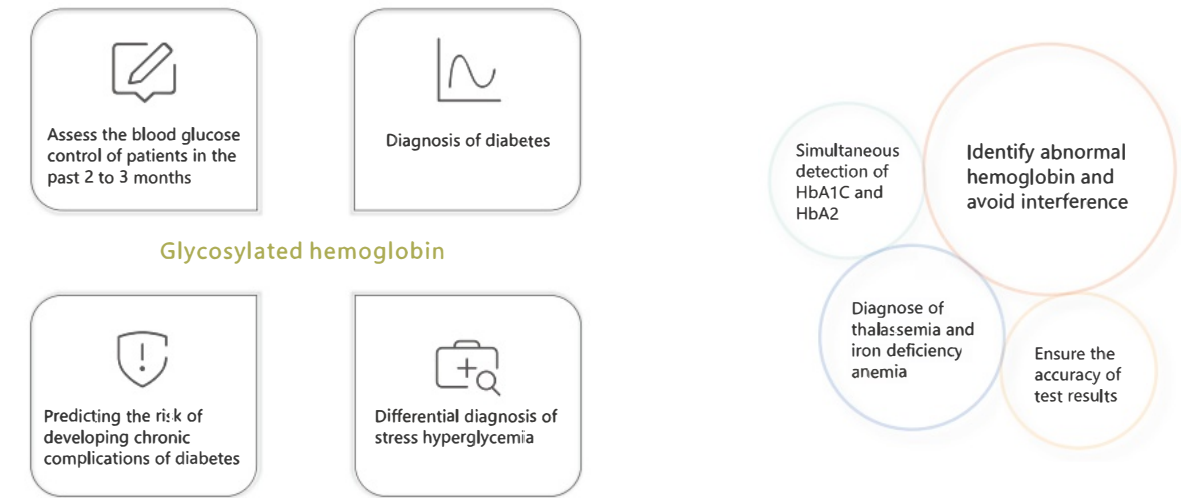
- Capillary electrophoresis analysis of hemoglobin is an important screening method for thalassemia.



Common Thalassaemia Screening Patterns

Glycosylated hemoglobin

- ADA and WHO guide have included HbA1C as the gold standard for diabetes diagnosis
- Capillary electrophoresis for the determination of glycosylated hemoglobin is a primary reference method published by IFCC.It has the following characteristics



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Automatic Capillary Electrophoresis

Electrophoresis systems designed for clinical laboratory



The automatic capillary electrophoresis instrument is an electrophoresis system especially designed for clinical detection. It can meet the detection needs of various proteins. It has the characteristics of automation, high throughput, high resolution and intelligence etc.

+ Integrated design

• Sampling area

- Direct sampling from primary tubes
- Automatic mixing and cap-piercing for whole blood samples

• Reagent area

- Reagent compartment with temperature control function
- The chip automatically identifies the reagent item information, shelf life, batch number, etc.



• Separation & detection system

- Parallely analysis by 8 capillaries
- High-precision electrophoresis temperature control
- Integrated dual light sources to detect and identify various body fluid proteins

• Sample area

- Offers a large loading capacity with 48 samples (6 racks).
- Intelligently identify the sample rack, realize automatic identification of sample type

+ Performance parameters

Length×width×height	650mm×644mm×675mm	weight	~75KG
Number of capillaries	Eight capillaries	sample type	Serum,Whole blood,etc
light source	Deuterium lamp,LED	Detection speed	Serum Protein:90t/h Hemoglobin:50t/h

+ Intelligent analysis system

- The result shows both the original spectrum and the automatic reading value
- Database flagging of patient status
- Real-time monitoring during runtime, automatic error alarm
- User permission classification
- import and export of patient data



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+ Quick and easy process



Collect samples



Set up the instrument to run capillary electrophoresis automatically



Spectrum and intelligent interpretation results are given

+ Product advantages

