DH-615

Automatic Hematology Analyzer

Principles
Fluorescent nucleic acid staining for WBC differention
Impedance method for WBC, RBC and PLT test
Cyanide free colorimetry for HGB test

Parameters
35 reportable parameters + 29 research parameters

Throughput
Up to 100 tests per hour

Sampling Mode
Auto sampling and closed sampling

Test Mode
CBC,CBC+RET,CBC+DIFF,CBC+DIFF+RET,RET

Special Parameters
Immature granulocyte(IG）、Reticulocyte hemoglobin concentration（RET-HE)、
Immature platelet ratio（IPF%）、Immature reticulocyte ratio（IRF%）

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Capillary blood sampling → Sample loading → Patient-reported outcomes → Recycling sample

The whole process of capillary blood measurement could be finished in 1-2 minutes.

Intelligent identification	• Supporting simultaneous batch measurement of whole blood and capillary blood. • Automatically rotary to scan sample barcode,and manual adjustment is no need.
Intelligent measurement	• Automatically identify the type of sample and be able to mix capillary blood intelligently in every respect without breaking cells. • Built-in capillary blood re-exam rules setting to help automatic re-examination.
Accurate Results	• Barcode management and standard mixing leads to more reliable results. • Closed-cap measurement of capillary blood could avoid aerosol contamination and reduce the risk of cross-infection.

Erythrocyte
providing LFR/MFR/HFR/RET-HE/IRF parameters to make precise diagnosis and monitor anemia diseases;

Leukocyte
providing immature granulocyte, atypical lymphocyte, high fluorescence intensity cells to reduce the missed detection rate of malignant hematological diseases;

Two units can be connected to form a workstation to improve the inspection efficiency

Platelet
Dual-methodology PLT-O & PLT-I to avoid interferences from cell fragments, small red blood cells, platelet aggregation and etc.