



Stock Code: 300298

Sinocare

iCARE-1300

Portable Automatic Multi-function Analyzer

An integrated analyzer for 5-part differential CBC + liquid-phase biochemistry + fluorescence immunoassay.

Vision
The Leading Diabetes Digital Management
Expert in the World

Mission
Guided by love, with a commitment to global access and health outcomes, we deliver innovative, high-quality solutions for people living with diabetes and related chronic diseases.

iCARE-1300 Innovative Three-in-one Portable Automatic Multi-function Analyzer



Integrate multiple platforms

An integrated analyzer for 5-part differential CBC + liquid-phase biochemistry + fluorescence immunoassay.



Intelligent solutions

Sinocare's IPOCT software helps data management and report interpretation, providing comprehensive support for physicians



IoT integrated components

Incorporation of LAN, WIFI modules for addressing internal information sharing among members

Sinocare Inc.

No.265 Guyuan Road, Hi-tech Zone Changsha, Hunan Province

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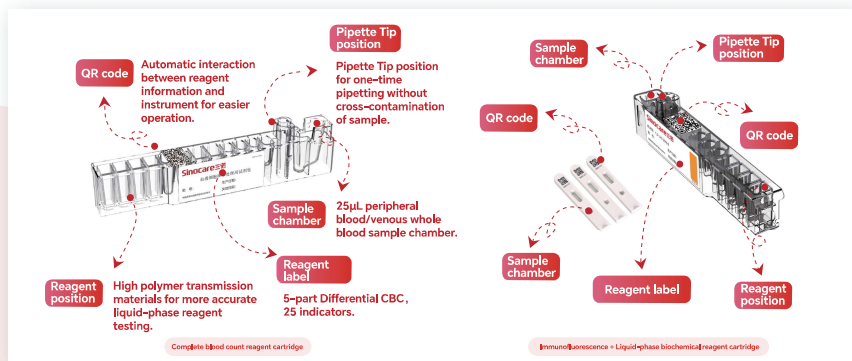


iCARE-1300

An integrated analyzer for 5-part differential CBC + liquid-phase biochemistry + fluorescence immunoassay.



Reagent Cartridges



Core Technological Advantages



Fast

Provide testing results within 3-15 minutes; One drop of blood achieves a combined testing result of CBC+CRP+SAA.



Easy

Fully automatic operation of the instrument for sampling of micro fingertip/ peripheral blood.



Accurate

Combination of intelligent microscopic examination image method with the liquid-phase biochemistry reaction system to meet the gold standard and generate reliable results.



Small

Small space as rice cooker size, suitable for clinics, primary medical care.



Comprehensive

Comprehensive and efficient integration of three platforms, namely, 5-part differential CBC + liquid-phase biochemistry + fluorescence immunoassay.



Economical

Precharging of reagent for single-use, without waste or maintenance.

Main Application Scenarios



Private clinics



Medical cosmetology institution



Oral medical institution

iCARE Rapid Reagent Kit

CBC Testing	Specimen whole blood	Volume 25µL	Time 8min		
Indicator Parameter					
White blood cell related items (11)	White Blood Cell count (WBC) Neutrophils number (NEU#) Lymphocytes number (LYM#) Monocytes number (MON#) Eosinophils number (EOS#) Basophils number (BAS#)	Neutrophils Percentage (NEU%) Lymphocytes Percentage (LYM%) Monocytes Percentage (MON%) Eosinophils Percentage (EOS%) Basophils Percentage (BAS%)			
Red blood cell related items (8)	Red Blood Cell count (RBC) Hemoglobin Concentration (HGB) Hematocrit (HCT) Mean Corpuscular Volume (MCV)	Mean Corpuscular Hemoglobin (MCH) Mean Corpuscular Hemoglobin Concentration (MCHC) Red Blood Cell Distribution Width - Coefficient of Variation (RDW-CV) Red Blood Cell Distribution Width - Standard Deviation (RDW-SD)			
Platelet related items (6)	Platelet count (PLT) Mean Platelet Volume (MPV) Platelet Distribution Width (PDW)	Plateletcrit (PCT) Platelet larger cell count (P-LCC) Platelet larger cell ratio (P-LCR)			
Biochemical Testing					
Reagent Kit	Detection Indicator	Indicator abbreviations	Specimen	Volume	Time
Liver Function I	Alanine Aminotransferase, Aspartate Aminotransferase, Total bilirubin, Albumin	ALT, AST, T-Bil, ALB	Serum	150µL	15min
Liver Function II	Direct Bilirubin, Total Protein, Alkaline Phosphatase, γ-Glutamyl Transferase	D-Bil, TP, ALP, GGT	Serum	150µL	14min
Renal Function I	Urea, Creatinine, Uric Acid	Urea, Crea, UA	Serum	150µL	12min
Renal Function II	β2-microglobulin, Cystatin C	β2-MG, Cys-C	Serum	150µL	13min
Blood lipid	Total cholesterol, Triglycerides, High density lipoprotein cholesterol, Low density lipoprotein cholesterol	TC, TG, HDL-C, LDL-C	Serum	150µL	15min
Homocysteine Screening for chronic disease	Homocysteine, Homocysteine, Uric acid, Low density lipoprotein cholesterol	HCY, HCY, UA, LDL-C	Serum	150µL	9min 13min
Myocardial Enzyme	Creatine kinase, Creatine kinase myocardial band, Lactate dehydrogenase, α-hydroxybutyrate dehydrogenase	CK, CK-MB, LDH, α-HBDH	Serum	150µL	14min
Digestive System Screening	Total bile acid, Cholinesterase, α-amylase	TBA, CHE, α-AMY	Serum	150µL	10min
Anti-streptolysin O / Rheumatoid factor / C-reactive protein	Anti-streptolysin O, Rheumatoid factor, C-reactive protein	ASO, RF, CRP	Serum	150µL	13min
D-dimer	D-dimer	D-dimer	Plasma	150µL	9min
Coagulation	Prothrombin time, Activated partial thromboplastin time, Thrombin time, Fibrinogen	PT, APTT, TT, FIB	Plasma	400µL	15min
HbA1c Mellitus I	Glycated hemoglobin, Glucose, Glycated serum albumin	HbA1c, Glu, GA	Whole blood Serum	5µL 150µL	3min 9min
Immunofluorescence testing					
Test Series	Detection Indicator	Indicator abbreviations	Specimen	Volume	Time
Inflammation	High-sensitivity C-reactive protein + Serum amyloid A High-sensitivity C-reactive protein Procalcitonin	hs-CRP+CRP+SAA hs-CRP+CRP PCT	whole blood/ serum/ plasma whole blood/ serum/ plasma whole blood/ serum/ plasma	5µL 5µL 20µL	3min 3min 15min
Bone metabolism	25-hydroxy vitamin D	25-OH VD	whole blood/ serum/ plasma	10µL	15min
Iron deficiency anemia	Ferritin	Fer	whole blood/ serum/ plasma	10µL	10min
Cardiovascular disease	Cardiac troponin I, Myoglobin, Creatine kinase myocardial band	cTnI, MYO, CK-MB	whole blood/ serum/ plasma	80µL	15min
Reproductive hormone	β-human chorionic gonadotropin	β-HCG	whole blood/ serum/ plasma	5µL	15min

Operating process of CBC + CRP+SAA Testing

