



Fluorescent/colloidal gold semi-automatic immunochromatography analyzer

Feature

- ◆ Minimum detection limit of the instrument: full scale signal value 0.05%
- ◆ Simultaneous detection of colloid gold and fluorescence, intelligent identification of colloid gold or fluorescent reagent card
- ◆ Instrument stability: 10 tests, TC ratio CV less than 0,5%
- ◆ Instrument signal to noise ratio: 0.01% (1:10000)
- ◆ Test speed: >120T/hour
- ◆ Multi-items simultaneous testing, in-machine incubation with temperature control, no manual timing waiting
- ◆ Automatic card entry, automatic detection, automatic discard, automatic upload results
- ◆ ID chip reads item parameters, detects cassette barcode
- ◆ Support result out-put automatically and generate EXCEL file
- ◆ Support network connection, WIFI, GPRS
- ◆ WIFI connection: select WIFI hotspot on the LCD screen, enter the password
- ◆ GPRS connection: configure the GPRS card, automatically connect 2G base station
- ◆ Automatic fault alarm, remote diagnosis system
- ◆ Standard curve automatic download system
- ◆ Program automatic update, fault remote diagnosis system



Parameter

Size (LxWxH)	570*376*406(mm)
weight	≤15kg
True color touch screen	10.4 inches, capacitive touch screen
Liquid crystal resolution	800 x 600 pixels
power supply	AC 220V 50Hz, 100W
Instrument interface	Built-in printing, USB, LAN and other interfaces, can be connected to the LIS
Operating mode	Single machine, wifi connection PC software
Project identification	Intelligently identify 1200 items and batches
Single channel test line number	Maximum support 5 lines
Number of test channels	16 channels
Quality control calibration	Internal quality control calibration
Fluorescence excitation/emission band	365/610(nm)
Colloidal gold source band	525(nm)

Quantitative Test

Test Cassette	Intended Use	Specimen	Cut-Off	Linear-Range
β-HCG	Diagnosis of Pregnancy	Urine/Whole Blood/ Serum/Plasma	25mIU/ml	10-5000mIU/ml
hsCRP-CRP	Diagnosis of Infection	Whole Blood/ Serum/Plasma	hsCRP:1.0mg/L CRP:10mg/L	0.1-200mg/L
PCT	Diagnosis of Sepsis	Whole Blood/ Serum/Plasma	0.5ng/ml	0.1-50ng/ml
BNP	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	100pg/ml	50-5000pg/ml
NT-proBNP	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	300pg/ml	200-20000pg/ml
MAU	Diagnosis of Renal Injury	Urine	20µg/ml	10-200µg/ml
D-Dimer	Diagnosis of DVT/PTE/DIC	Whole Blood/ Serum/Plasma	0.5µg/ml	0.1-2.0µg /ml
cTnI	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	1ng/ml	1-50ng/ml
cTnI/CK-MB/Myo	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	cTnI:1ng/ml CK-MB:5ng/ml Myo:70ng/ml	cTnI:1-50ng/ml CK-MB:5-100ng/ml Myo:25-500ng/ml
SAA	Diagnosis of Infection	Whole Blood/ Serum/Plasma	10mg/L	0.1-200mg/L
NGAL	Diagnosis of Renal Injury	Urine/Whole Blood/ Serum/Plasma	100ng/ml	10-2000ng/ml
Ferritin	Diagnosis of Anemia	Whole Blood/ Serum/Plasma	11-306.8ng/ml	4-500ng/ml
25-OH-VD	Monitoring of 25-OH-VD levels	Whole Blood/ Serum/Plasma	11.7-40ng/ml	3-70ng/ml
CysC	Diagnosis of Renal Injury	Whole Blood/ Serum/Plasma	0.50-1.03mg/L	0.2-10mg/L
SAA-CRP	Diagnosis of Infection	Whole Blood/ Serum/Plasma	CRP:10mg/L SAA:10mg/L	CRP:0.1-200mg/L SAA:0.1-200mg/L
HbA1C	Monitoring of Blood Glucose	Whole Blood	4%-6%	2%-15%
h-FABP	Diagnosis of Myocardial Infarction	Whole Blood/ Serum/Plasma	5ng/ml	1-120ng/ml
PG I /II	Diagnosis of Gastric Mucosal Lesion	Whole Blood/ Serum/Plasma	PG I :15-100ng/ml PGII:0-15ng/ml	PG I :2-200ng/ml PG II :2-200ng/ml



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