

Dry-type Fluorescence Immunoassay Quantitative Analyzer

Fertility Markers ●

Tumor Markers ●

Cardiac Markers ●

Diabetes Markers ●

Inflammation Markers ●

Infectious Markers ●



Compact Design &
Simple to Use



Automatic Calibration &
in-built Printer



8 Incubation
Position in-built



Comprehensive Testing
Parameters



S 1000



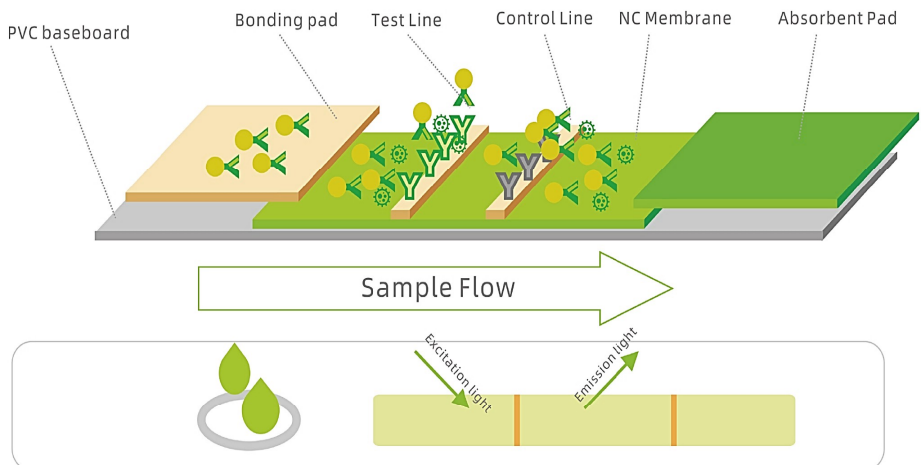
Dry-type Fluorescence Immunoassay Quantitative System uses immunochromatographic technology, for the diagnosis of common human diseases. To be used in conjunction with in vitro diagnostic reagents to analyze and process the fluorescence signal intensity generated by the immune reaction between the sample and the reagent, and thereby the relevant substances in the sample can be automatically determined and analyzed.

For certain analyte, including serum, whole blood, plasma or other sample, is able to measure the concentration of various biological markers including fertility markers, thyroid markers, bone metabolism markers, diabetes markers, cardiac markers, inflammation markers, infectious markers, tumor markers, autoimmune markers, others markers, infectious markers with excellent accuracy and easy operation.

Advantages

- ◆ High sensitivity and high specificity.
- ◆ The built-in standard curve exempts calibration for each test.
- ◆ Fast results within 15 minutes.
- ◆ One-step rapid test.

Technique Principle





◆ Model	S-1000
◆ Methodology	Fluorescence Immunoassay
◆ Sample Type	Whole Blood, Serum, Plasma
◆ Precision	CV≤1% (color card)
◆ Accuracy	Relative deviation ≤10%
◆ Display screen	7" color LCD screen
◆ Size	288 mm (L) x 273 mm (W) x 127 mm (H)
◆ Operation Condition	Temperature 10~37 °C, Humidity 0%-93%
◆ Input parameter	100V-240V~50/60 Hz
◆ Input current	1.5A

Technical Specifications

Test Procedure

Apply sample to the test strip.



Put the test strip into the incubation channel.



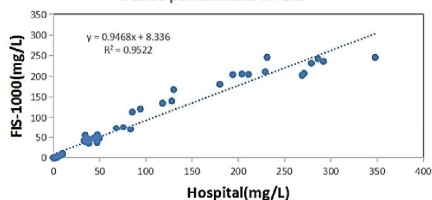
After incubation, insert the test strip, Click "test". Results will be displayed on the screen.



Sample tested and results printed.



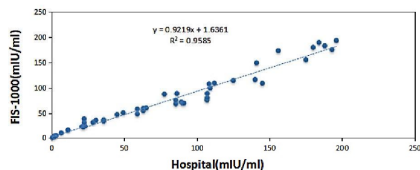
S-1000 performance on CRP



Test range: 0.5-200 mg/L Test time: 3 min

Sample Type: Serum/Plasma/ Whole blood Precision: CV < 15%

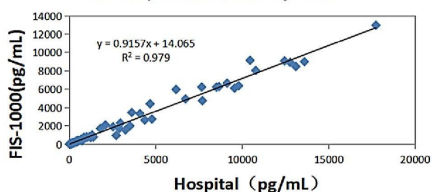
S-1000 performance on FSH



Test range: 1-200 mIU/mL Test time: 15 min

Sample Type: Serum/Plasma Precision: CV < 15%

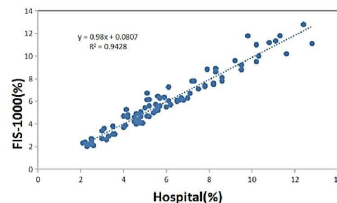
S-1000 performance on NT-proBNP



Test range: 50-35000pg/mL Test time: 15 min

Sample Type: Serum/Plasma/ Whole blood Precision: CV < 10%

S-1000 performance on HbA1c



Test range: 4-14% Test time: 5 min

Sample Type: Whole blood Precision: CV < 10%

S-1000 Test Menu

Fertility

β-HCG
LH
FSH
PRL
E2
Testosterone
Progesterone
IGF-1
GH
DHEA-S
AMH

Bone Metabolism

Intact-PTH
25-OH-D

Infectious

SARS-CoV-2 Antigen
SARS-CoV-2 Neutralizing
FluA/B
RSV
Adenovirus
MP IgG
MP IgM
Dengue NS1 Ag
Dengue IgG/IgM

Anemia

Ferr
VB12
FA

Thyroid

T3
T4
fT3
fT4
Anti-TPO
TSH

Inflammation

PCT
CRP
SAA
IL-6
Calprotectin

Autoimmune

IgE
RF-IgM
Anti-CCP
DS-DNA
ANA Screen
ENA Screen

Cardiac Marker

cTnI
CK-MB
NT-proBNP
D-dimer
Myo
ST2
H-FABP

Tumor

AFP
CEA
CA19-9
CA125
CA15-3
CA72-4
FOB

Gastric Function

H. Pylori Ag
H. Pylori Ab

Others

Salmonella IgM
NGAL

Diabetes and Renal Function

HbA1c
MAU
Cys-C

Insulin
C-peptide

