

FA-160 IMMUNOFLUORESCENCE POCT ANALYZER

Lifotronic



VARIETY OF USE

Lifotronic FA-160 is based on immunofluorescence technology which is capable of quantifying analytes in samples to diagnose cardiac diseases, infectious diseases and many other diseases.

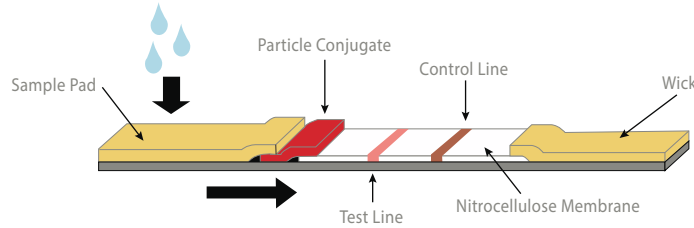
FEATURES

- Fast result**
within 10-15 minutes for efficient diagnosis
- Simple and easy operation**
user-friendly design ensures simple and easy operation of the device
- Intuitive visual interpretation**
 with easy-to-read processing display and sound alert
- Room temperature storage**
 No need for special cooling or heating equipment for storage

RAPID TEST SOLUTION

Colloidal gold immunochroaotographic method

Single test and easy operation for both self-test and professional use



VAREITY OF FIELDS



TEST ITEM

Anemia

- Ferritin

Bone Metabolism

- 25-OH-VD

Cancer

- CA125
- CA153
- iFOB
- AFP
- CEA

Cardiac

- Myo
- cTnl
- CK-MB
- D-DIMER**
- NT-proBNP
- cTnl/CK-MB/Myo
- H-FABP

Covid-19

- NAb
- SARS-CoV2 IgG
- SARS-CoV2 IgM
- IgG
- IgM

Diabetes

- HBA1C**
- Insulin
- C-Peptide
- Cortisol

Fertility

- β -HCG
- Testosterone
- E2
- FSH
- PROG
- AMH
- LH
- PRL

Gastric Function

- PGI
- PGII

Inflammation

- CRP**
- hs-CRP
- PCT/CRP
- SAA/CRP
- PCT**
- IL-6
- SAA

Kidney Function

- Cys-C
- mALB

Thyroid

- TSH
- T3
- T4
- FT3
- FT4

- CURRENT TESTING**
- COMING SOON**

PRODUCT INFORMATION




SPECIFICATION

Model	FA-160
Methodology	Immunofluorescence Assay
Testing time	<10s
Testing channel	Single-channel
Display	7-inch touch screen
Sample type	Whole Blood, Serum, Plasma, Urine
Operating system	Linux
Printer	Built-in thermal printer (58mm)
Data Transmission	4G, USB2.0, RS232C, wifi, support LIS, HIS
Applicable card type	ID/ IC card supported
Dimension	200 (W) x 346 (D) x 144 (H) mm
Weight	3 kg

PRODUCT INFORMATION

ITEM	QUANTITY	STORAGE & STABILITY
LIFOTRONIC POCT kit (Lateral Flow Immunoassay)	25 Tests/ kit	4°C – 30°C shelf life: 18 months



COMPONENTS

Test Cartridge	25 pcs
Sample diluent	25 vials
RFID Card	1 pc
User Manual	1 pc



HbA1c ASSAY KIT

Lateral Flow Immunoassay

The HbA1c Assay Kit is used to quantitatively test the level of HbA1c in whole blood. HbA1c reflects average blood glucose level in past 120 days.

Reference Range : 4.0% - 6.5%
Lowest Limit : ≤4.0%
Measurement Range : 4.0% - 16.0%*



D-DIMER ASSAY KIT

Lateral Flow Immunoassay

The D-dimer Assay Kit is used to quantitatively determine the concentration of D-dimer in plasma sample. In addition, it is used in the diagnosis of the blood disorder disseminated intravascular coagulation.

Reference Range : <0.5 mg/L
Lowest Limit : ≤0.1 mg/L
Measurement Range : 0.1 mg/L - 10.0 mg/L*



PROCALCITONIN (PCT) ASSAY KIT

Lateral Flow Immunoassay

The PCT Assay Kits is used to quantitatively test the concentration of PCT in whole blood, serum or plasma. In serum, procalcitonin has a half-life of 25 to 30 hours.

Reference Range : <0.5 ng/mL
Lowest Limit : ≤0.1 ng/mL
Measurement Range : 0.1 - 100.0 ng/mL*



C-REACTIVE PROTEIN (CRP) ASSAY KIT

Lateral Flow Immunoassay

The CRP Assay Kits is used to quantitatively measurement of the content of CRP in whole blood, serum, plasma. Apply to predict CVD and test whether it has infection and inflammation.

Reference Range : <10.0 mg/L
Lowest Limit : ≤1.0 mg/L
Measurement Range : 1.0 - 240.0mg/L*



*Correlation coefficient (r)≥0.9900

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