Fluorescence Immunoassay Rapid Quantitative Test system

FineCare™ FIA Meter

Powerful Features:
- Multi-channel: 2-6 channels as required
- Multi-tests: 2-6 different test items at one time
- User-friendly interface: 7 inch touch screen
- Superior communication: LIS link, PC/USB interface, external printer, scanner (optional)

High-throughout, Full-automatic, Continuous, Rapid, Accurate quantitative. Click and test, only 3 steps.

High-standard quality system

Connect With Us

Guangzhou Wondfo Biotech Co., Ltd.

www.somatco.com
**Finecare™ FIA Meter**

Finecare™ FIA Meter is a fluorescence immunochromatographic analysing system which can help diagnose conditions such as infection, diabetes, cardiovascular diseases, renal injury and cancers, etc. The Finecare platform provides reliable and quantitative results of various kinds of analytes in human blood or urine within several minutes.

**Application:** Laboratory, ER, Cardiology, ICU, Respiratory, Pediatrics, etc.

**Principle:** Fluorescent immunochromatography

**Physical Parameters**
- **Dimensions:** 250(L) x 258(W) x 104(H)mm
- **Weight:** 2.5kg
- **Power adapter:** 100-240AC, 50-60Hz

**Optical description**
- **Excitation light source:** LED, 470nm
- **Detector:** 525nm Photodiode

**I/O**
- **LCD touch screen:** 3.5”
- **Printer:** built-in thermal printer
- **Information input:** touch screen, barcode reader
- **Record storage:** 10,000 records
- **Interface:** RS232, USB, Ethernet (Direct connection to LIS / HIS)

**Choose Finecare™ For**

- **Extra quick operating platform for large number of specimens**
- **Powerful information management. (Direct connection to LIS)**
- **Unique quick mode**
- **Designed sampler**
- **Information management**
- **Reliable accuracy**
- **Instant result**
- **Room temperature storage**
- **Convenient and fast. Get results in 3-15 minutes**

**Finecare™ Test Markers**

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Test Item</th>
<th>Diseases</th>
<th>Specimen Type</th>
<th>Reaction Time</th>
<th>Linear Range</th>
<th>Clinical Reference</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Infection</strong></td>
<td>PCT</td>
<td>Sepsis</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>0.1-100 ng/mL</td>
<td>0-0.5 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>hsCRP+CRP</td>
<td>Inflammation</td>
<td>WB/ Serum/ Plasma</td>
<td>3 min</td>
<td>0.5-200 mg/mL</td>
<td>CRP:0-10 mg/L, hsCRP:0-1 mg/L</td>
<td>CFDA</td>
</tr>
<tr>
<td><strong>Coagulation</strong></td>
<td>D-Dimer</td>
<td>Thrombosis</td>
<td>WB/ Plasma</td>
<td>3 min</td>
<td>0.1-10 mg/mL</td>
<td>0-0.5 mg/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td><strong>Cardiac</strong></td>
<td>NT-proBNP</td>
<td>Heart Failure</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>18-35000 ng/mL</td>
<td>0-300 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>cTnI</td>
<td>Myocardial Infarction</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>0.1-50 ng/mL</td>
<td>0-0.3 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>Myo</td>
<td>Myocardial Infarction</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>2.0-400 ng/mL</td>
<td>0-58 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>CK-MB</td>
<td>Myocardial Infarction</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>0.3-100 ng/mL</td>
<td>0-5 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>H-FABP</td>
<td>Myocardial Infarction</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>2-120 ng/mL</td>
<td>0-7 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>3 in 1 (NT-proBNP / cTnI /CK-MB)</td>
<td>Myocardial Infarction /Heart Failure</td>
<td>WB/ Serum/ Plasma</td>
<td>15 min</td>
<td>Same with single items</td>
<td>Same with single items</td>
<td>CFDA</td>
</tr>
<tr>
<td><strong>Tumor</strong></td>
<td>AFP</td>
<td>Liver Cancer</td>
<td>Serum</td>
<td>15 min</td>
<td>5-400 ng/mL</td>
<td>0-20 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>PSA</td>
<td>Prostate Cancer</td>
<td>Serum</td>
<td>15 min</td>
<td>2-100 ng/mL</td>
<td>0-4 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td><strong>Diabetes &amp; Renal Injury</strong></td>
<td>HbA1c</td>
<td>Diabetes Mellitus</td>
<td>WB</td>
<td>5 min</td>
<td>4.0-14.5%</td>
<td>0-6.5%</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>MAU</td>
<td>Renal Injury</td>
<td>Urine</td>
<td>10 min</td>
<td>5-300 ng/mL</td>
<td>0-20 ng/mL</td>
<td>CFDA</td>
</tr>
<tr>
<td></td>
<td>Cys-C</td>
<td>Renal Injury</td>
<td>WB/ Serum/ Plasma</td>
<td>5 min</td>
<td>0.2-10 mg/mL</td>
<td>0.5-1.1 mg/L</td>
<td>Applying</td>
</tr>
</tbody>
</table>

**Principle and operation**

- **Mixing**
- **Sampling**
- **Dropping**
- **Reading**

**Extra quick operating platform for large number of specimens**

**Powerful information management. (Direct connection to LIS)**

**Unique quick mode**

**Designed sampler**

**Information management**

**Reliable accuracy**

**Instant result**

**Room temperature storage**

**Convenient and fast. Get results in 3-15 minutes**

**Special designed sampler for small volume of specimen**

**Good correlation with wet chemistry method results**

**Solid synthetic craft, can be stored at room temperature (4-30°C)**

**Finecare™ FIA Meter is a fluorescence immunochromatographic analysing system which can help diagnose conditions such as infection, diabetes, cardiovascular diseases, renal injury and cancers, etc. The Finecare platform provides reliable and quantitative results of various kinds of analytes in human blood or urine within several minutes.**