KD-I Rapid Test Reader

- Eliminate the subjectivity of result interpretation
- Can store 999 records, easy to inquiry results
- Closed loop system
- Adopt LCD display module
- Rapid test, only 30 seconds are needed for each test
- Periodic testing and instant testing functions are applicable
- Print the data instantly
- Multi-National language interface
- Compatible with alternating current of 100-240V

Benefits of Chemtrue® KD-I Rapid Test Reader

Application
Quantitative tests:
HCG/ MAU/ cTnl/ CRP/D-Dimer/ cTnl/CK-MB/Myo/ PCT/NT-proBNP

Composition of Rapid Test Reader System
Test Device
Electric circuit control system
Mechanical drive system
Data acquisition system
Software

With the use of the reader, it can make the results more accurate and objective. The application of the Rapid Test Reader can be promoted to the hospitals, laboratories.

Quantitative Test

<table>
<thead>
<tr>
<th>Test Cassette</th>
<th>Intended Use</th>
<th>Specimen</th>
<th>Cut-Off</th>
<th>Linear-Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>β-HCG</td>
<td>Diagnosis of Pregnancy</td>
<td>Urine/Whole Blood/Serum/Plasma</td>
<td>25mIU/ml</td>
<td>10-5000mIU/ml</td>
</tr>
<tr>
<td>hsCRP-CRP</td>
<td>Diagnosis of Infection</td>
<td>Whole Blood/Serum/Plasma</td>
<td>hsCRP:1.0mg/L CRP:10mg/L</td>
<td>0.1-200mg/L</td>
</tr>
<tr>
<td>PCT</td>
<td>Diagnosis of Sepsis</td>
<td>Whole Blood/Serum/Plasma</td>
<td>0.5ng/ml</td>
<td>0.1-50ng/ml</td>
</tr>
<tr>
<td>NT-proBNP</td>
<td>Diagnosis of Myocardial Infarction</td>
<td>Whole Blood/Serum/Plasma</td>
<td>300pg/ml</td>
<td>200-20000pg/ml</td>
</tr>
<tr>
<td>MAU</td>
<td>Diagnosis of Renal Injury</td>
<td>Urine</td>
<td>20μg/ml</td>
<td>10-200μg/ml</td>
</tr>
<tr>
<td>D-Dimer</td>
<td>Diagnosis of DVT/PTD/DIC</td>
<td>Whole Blood/Serum/Plasma</td>
<td>0.5μg/ml</td>
<td>0.1-2.0μg /ml</td>
</tr>
<tr>
<td>cTnl</td>
<td>Diagnosis of Myocardial Infarction</td>
<td>Whole Blood/Serum/Plasma</td>
<td>1ng/ml</td>
<td>1-50ng/ml</td>
</tr>
<tr>
<td>cTnl/CK-MB/Myo</td>
<td>Diagnosis of Myocardial Infarction</td>
<td>Whole Blood/Serum/Plasma</td>
<td>cTnl:1ng/ml</td>
<td>cTnl:1-50ng/ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CK-MB:5ng/ml</td>
<td>CK-MB:5-100ng/ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Myo:70ng/ml</td>
<td>Myo:25-500ng/ml</td>
</tr>
</tbody>
</table>
Quantitative Test

Power Switch on.

“Insert the IC Card” on screen.

Checking

Insert the System check card.

Testing

Insert the testing card which corresponds to the test reagent item.

Self-checking, “Please wait Testing……” on screen.
Self-checking over, main menu on screen.

- Insert a System Control Cartridge (SCC).
- Press “5” key on the keyboard.
- Press “*” key.
- “SCC Testing Scanning……” on screen.
- “SCC test: OK!” on screen.
- Remove the System Control Cartridge.
- Press “X” on the keyboard, back to the main menu.

- Insert the test sample.
- Press “1” key or press “2” key on the keyboard.
- Periodic testing or Instant testing.
- Scanning begins automatically.
- Read the concentration on-screen and print report.
- Remove the test sample.
- Press “X” on the keyboard, back to the main menu.

Power Switch OFF