

# GP1180

Immunofluorescence Quantitative Analyzer

7 Incubation Channels  
1 Emergency Test Channel





## Test Items

Comprehensive test items, assisting management of disease situation.

### Cardiac Markers

|                |                   |
|----------------|-------------------|
| cTnI           | H-FABP            |
| NT-proBNP      | CK-MB/cTnI/H-FABP |
| CK-MB/cTnI/Myo | CK-MB             |
| CK-MB/cTnI     |                   |

### Inflammation

|         |            |
|---------|------------|
| PCT     | hs-CRP+CRP |
| PCT/CRP | SAA        |

### Renal Function

|      |               |
|------|---------------|
| mAlb | CysC          |
| NGAL | $\beta_2$ -MG |

### Diabetes Mellitus

HbA1c

### Tumor Markers

|      |     |
|------|-----|
| tPSA | AFP |
| fPSA | CEA |

### Coagulation Markers

D-Dimer

### Metabolic Markers

25-OH-VD

### Infectious Disease

|          |          |
|----------|----------|
| Anti-HCV | Anti-HIV |
| Anti-TP  | HBsAg    |
| H.pylori |          |

### Reproduction/Fertility

|              |     |      |
|--------------|-----|------|
| HCG+ $\beta$ | FSH | AMH  |
| LH           | PRL | Prog |

### Thyroid Function

|     |     |    |
|-----|-----|----|
| TSH | T3  | T4 |
| FT3 | FT4 |    |

# GP1180

Immunofluorescence Quantitative Analyzer



Android System  
Touch Screen



RFID Card Calibration



Waste container for  
discarded test cards



7 incubation channels  
+  
1 emergency test channel

## 1 Multiple Channels

- High throughput, 8 channels available  
(7 incubation channels + 1 emergency test channel)
- Multiple test items can be tested at the same time, saving operation time

## 2 Constant Temperature

Providing steady test environment with more accurate test results

## 3 Easy Operation

- Android system, touch screen  
Immediate edit of sample and patients' info.  
Convenient for viewing test results
- RFID card calibration, touch for recognition
- WIFI connection, easy for data transmission

## 4 None Contamination

Waste container is set in the equipment, avoiding medical contamination



# TEST ITEMS

| Cat. #                 | TEST ITEMS         | DISEASES                                                   | CUT-OFF VALUE                                               | SAMPLE TYPES                | MEASURING RANGE                                           | SAMPLE VOLUME | REACTION TIME | QUALIFICATION     |
|------------------------|--------------------|------------------------------------------------------------|-------------------------------------------------------------|-----------------------------|-----------------------------------------------------------|---------------|---------------|-------------------|
| Cardiac Markers        |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1001                 | cTnI               | Myocardial infarction                                      | 0.10 ng/mL                                                  | S/P/WB                      | 0.10-50.00 ng/mL                                          | 100 µL        | 10 min        | NMPA CE           |
| IF1002                 | NT-proBNP          | Heart failure                                              | 300 pg/mL                                                   | S/P/WB                      | 100-35000 pg/mL                                           | 100 µL        | 10 min        | NMPA CE           |
| IF1005                 | CK-MB/cTnI/Myo     | Myocardial damage /infarction                              | CK-MB: 5.00 ng/mL<br>cTnI: 0.10 ng/mL<br>Myo: 70.0 ng/mL    | S/P/WB                      | 2.50-80.00 ng/mL<br>0.10-50.00 ng/mL<br>30.0-600.0 ng/mL  | 100 µL        | 10 min        | NMPA CE           |
| IF1012                 | CK-MB/cTnI         | Myocardial damage /infarction                              | CK-MB: 5.00 ng/mL<br>cTnI: 0.10 ng/mL                       | S/P/WB                      | 2.50-80.00 ng/mL<br>0.10-50.00 ng/mL                      | 100 µL        | 10 min        | CE                |
| IF1014                 | H-FABP             | Myocardial damage                                          | 6.36 ng/mL                                                  | S/P/WB                      | 1.00-120.00 ng/mL                                         | 100 µL        | 3 min         | NMPA CE           |
| IF1016                 | CK-MB/cTnI/H-FABP  | Myocardial damage /infarction                              | CK-MB: 5.00 ng/mL<br>cTnI: 0.10 ng/mL<br>H-FABP: 6.36 ng/mL | S/P/WB                      | 2.50-80.00 ng/mL<br>0.10-50.00 ng/mL<br>2.00-100.00 ng/mL | 100 µL        | 10 min        | NMPA CE           |
| IF1018                 | CK-MB              | Myocardial injury                                          | 5.00 ng/mL                                                  | S/P/WB                      | 2.50-80.00 ng/mL                                          | 100 µL        | 10 min        | CE                |
| Coagulation Markers    |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1006                 | D-Dimer            | Venous thromboembolism                                     | 0.50 mg/L                                                   | P/WB                        | 0.10-10.00 mg/L                                           | 100 µL        | 10 min        | NMPA CE           |
| Inflammation           |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1003                 | hs-CRP+CRP         | Cardiovascular inflammation /normal inflammation           | 3.0 mg/L<br>10.0 mg/L                                       | S/P/WB/<br>Fingertip blood  | 0.5-200.0 mg/L                                            | 10 µL         | 3 min         | NMPA CE           |
| IF1007                 | PCT                | Sepsis, bacterial infection                                | 0.10 ng/mL                                                  | S/P/WB                      | 0.05-50.00 ng/mL                                          | 100 µL        | 15 min        | NMPA CE           |
| IF1015                 | PCT/CRP            | Sepsis, bacterial infection                                | PCT: 0.10 ng/mL<br>CRP: 3.0 mg/L                            | S/P/WB                      | 0.10-50.00 ng/mL<br>0.5-200.0 mg/L                        | 100 µL        | 15 min        | NMPA CE           |
| IF1044                 | SAA                | Bacterial/Virus infection                                  | 10.0 mg/L                                                   | S/P/WB/<br>Fingertip blood  | 5.0-200.0 mg/L                                            | 10 µL         | 5 min         | NMPA CE           |
| IF1090                 | SAA/CRP            | Neonatal sepsis, Bacterial/virus infection                 | SAA: 10.0 mg/L<br>CRP: 10.0 mg/L                            | S/P/WB/<br>Peripheral blood | 5.0-200.0 mg/L<br>0.5-200.0 mg/L                          | 10 µL         | 5 min         | NMPA CE           |
| Renal Function         |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1008                 | CysC               | Acute and chronic renal diseases                           | 0.51-1.09 mg/L                                              | S/P/WB                      | 0.50-10.00 mg/L                                           | 10 µL         | 3 min         | NMPA CE           |
| IF1009                 | mAlb               | Diabetic nephropathy, hypertensive nephropathy             | 20.0 mg/L                                                   | Urine                       | 10.0-200.0 mg/L                                           | 100 µL        | 3 min         | NMPA CE           |
| IF1010                 | NGAL               | Acute kidney injury                                        | Serum: 200.0 ng/mL<br>Urine: 100.0 ng/mL                    | S/Urine                     | 50.0-5000.0 ng/mL                                         | 10 µL         | 10 min        | NMPA CE           |
| IF1011                 | β <sub>2</sub> -MG | Acute and chronic kidney diseases/tumours                  | 0.80-3.00 mg/L                                              | S/P/WB                      | 0.50-20.00 mg/L                                           | 10 µL         | 3 min         | NMPA CE           |
| Diabetes Mellitus      |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1017                 | HbA1c              | Diabetes mellitus                                          | 3.80%-5.80%                                                 | WB                          | 2.00%-14.00%                                              | 10 µL         | 5 min         | NGSP NMPA IFCC CE |
| Metabolic Marker       |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1031                 | 25-OH-VD           | Osteomalacia, osteoporosis                                 | 30.00-50.00 ng/mL                                           | S/P                         | 8.00-70.00 ng/mL                                          | 40 µL         | 15 min        | NMPA CE           |
| Thyroid Function       |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1024                 | TSH                | Thyroid malfunction                                        | 0.27-4.20 µIU/mL                                            | S/P                         | 0.10-50.00 µIU/mL                                         | 100 µL        | 15 min        | NMPA CE           |
| IF1022                 | T3                 | Hyperthyroidism, hypothyroidism                            | 1.30-3.10 nmol/L                                            | S/P                         | 0.30-10.00 nmol/L                                         | 40 µL         | 15 min        | NMPA CE           |
| IF1023                 | T4                 | Hyperthyroidism, hypothyroidism                            | 59.00-154.00 nmol/L                                         | S/P                         | 5.40-320.00 nmol/L                                        | 40 µL         | 15 min        | NMPA CE           |
| IF1067                 | ft3                | Hyperthyroidism, hypothyroidism                            | 3.10-6.80 pmol/L                                            | S/P/WB                      | 0.40-50.00 pmol/L                                         | 40 µL         | 15 min        | CE                |
| IF1068                 | ft4                | Hyperthyroidism, hypothyroidism                            | 12.00-22.00 pmol/L                                          | S/P/WB                      | 0.30-100.00 pmol/L                                        | 40 µL         | 15 min        | CE                |
| Reproduction/Fertility |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1013                 | HCG+β              | Fertility                                                  | 5.1 mIU/mL                                                  | S/P                         | 5.0-100000.0 mIU/mL                                       | 100 µL        | 10 min        | NMPA CE           |
| IF1055                 | LH                 | PCOS, infertility evaluation                               | Refer to User Manual                                        | S/P                         | 0.20-150.00 mIU/mL                                        | 100 µL        | 15 min        | NMPA CE           |
| IF1056                 | FSH                | PCOS, infertility evaluation and pituitary disorders       | Refer to User Manual                                        | S/P                         | 0.20-150.00 mIU/mL                                        | 100 µL        | 15 min        | NMPA CE           |
| IF1066                 | AMH                | Fertility, PCOS, gonadal function, precocious/late puberty | Refer to User Manual                                        | S/P                         | 0.10-20.00 ng/mL                                          | 200 µL        | 15 min        | CE                |
| IF1048                 | PRL                | Infertility, gonadal disorders                             | Refer to User Manual                                        | S/P                         | 0.50-200.00 ng/mL                                         | 100 µL        | 15 min        | CE                |
| IF1071                 | Prog               | Infertility, evaluation of ovulation                       | Refer to User Manual                                        | S/P                         | 0.10-40.00 ng/mL                                          | 100 µL        | 15 min        | CE                |
| Tumor Markers          |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1053                 | tPSA               | Prostate cancer                                            | 4.00 ng/mL                                                  | S/P                         | 0.50-100.00 ng/mL                                         | 100 µL        | 15 min        |                   |
| IF1072                 | fPSA               | Prostate cancer                                            | 1.00 ng/mL                                                  | S/P                         | 0.05-30.00 ng/mL                                          | 100 µL        | 10 min        |                   |
| IF1050                 | AFP                | Liver cancer, cancer of ovaries or testicles, etc.         | 7.0 ng/mL                                                   | S/P                         | 2.0-500.0 ng/mL                                           | 100 µL        | 15 min        | CE                |
| IF1051                 | CEA                | Cancer marker: colon cancer etc.                           | 4.7 ng/mL                                                   | S/P                         | 2.0-500.0 ng/mL                                           | 100 µL        | 15 min        | CE                |
| Infectious Disease     |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1057                 | Anti-HCV           | Hepatitis C                                                | 1.00 S/CO                                                   | S/P                         | 1.00-20.00 S/CO                                           | 100 µL        | 15 min        |                   |
| IF1058                 | Anti-TP            | Syphilis                                                   | 1.00 S/CO                                                   | S/P                         | 1.00-50.00 S/CO                                           | 100 µL        | 15 min        | CE                |
| IF1059                 | Anti-HIV           | AIDS                                                       | 1.00 S/CO                                                   | S/P                         | 1.00-1000.00 S/CO                                         | 100 µL        | 15 min        |                   |
| IF1064                 | HBsAg              | Hepatitis B                                                | 1.00 IU/mL                                                  | S/P                         | 1.00-100.00 IU/mL                                         | 100 µL        | 15 min        |                   |
| IF1047                 | H. pylori          | H. pylori infection                                        | 5.0 ng/mL                                                   | Stool                       | 1.0-200.0 ng/mL<br>3 drops (about 100 µL)                 |               | 10 min        | CE                |
| Others                 |                    |                                                            |                                                             |                             |                                                           |               |               |                   |
| IF1077                 | Ferritin           | Anemia/tumors                                              | Male: 30.00-400.00 ng/mL<br>Female: 13.00-150.00 ng/mL      | S/P                         | 0.50-1000.00 ng/mL                                        | 10 µL         | 15 min        | CE                |

AL-MUBDAA SCIENTIFIC BUREAU - مكتب المبدع العلمي

www.almubdaa.com info@almubdaa.com

almubdaa.company 07845500024

Iraq, Baghdad, Alsaadoon St. Naser square

