



# Quantitative Rapid Test

INFLAMMATION | CARDIAC MARKERS

DIABETES & VITAMIN D | HORMONES

# Discover our Quantitative Rapid Tests Portfolio

MP Biomedicals offers a complete range of quantitative rapid tests dedicated for the detection of inflammation and cardiac markers in addition to hormones and other physiological parameters.

**1** | Inflammation

**2** | Cardiac Markers

**3** | Diabetes & Vitamin D

**4** | Hormones

Our quantitative rapid tests are optimized and compatible with multiple sample types.



Whole Blood



Plasma



Serum



# Immunofluorescence Analyzer

## MPQuanti®

Time-resolved fluorescence immunoassay analyzer is a rapid, quantitative instrument that tests quantitative items such as cardiac markers, inflammation, hormone diabetes, etc. It is an automatic *in-vitro* diagnostic device that measures the concentration of analytes contained in blood, serum, and plasma samples.

The immunofluorescence analyzer should be used only by medical professionals to carry out *in-vitro* diagnostic. It can be used in central laboratories, outpatient / emergency laboratories, clinical departments, and other medical service points such as community medical points and physical examination centers and can also be used in pre-hospital first aid ambulances.

- ▶ CE-marked
- ▶ Dedicated to time-resolved fluorescence immunoassay
- ▶ Compatible with different sample type: whole blood, serum plasma, urine, etc.
- ▶ Built-in printer
- ▶ Data storage: more than 10,000 test records
- ▶ Wide range of languages software



## ORDERING INFORMATION

Name	Pack Size	Cat. No.
Immunofluorescence Analyzer MPQuanti®	1 unit/box	07IMA001



# Inflammation



## DIAGNOSTIC KIT FOR C-REACTIVE PROTEIN

Diagnostic Kit for C-reactive Protein is suitable for *in-vitro* quantitative detection of the concentration of C-reactive protein.

This product is provided for testing by medical and health institutions and is used for auxiliary diagnosis of patients' inflammation and other related diseases.



## DIAGNOSTIC KIT FOR INTERLEUKIN-6

Diagnostic Kit for Interleukin-6 is suitable for *in-vitro* quantitative detection of the concentration of Interleukin-6 (IL-6).

IL-6 is a cytokine expressed by the innate immune system in response to initial injury and infection. After bacterial infection, IL-6 level rises rapidly and reaches its peak after 2 h, which is earlier than other cytokines and lasts for a long time. The elevated level is consistent with the severity of infection, so it can be used to assist the early diagnosis of acute infection.



## DIAGNOSTIC KIT FOR PROCALCITONIN (PCT)

Diagnostic Kit for Procalcitonin (PCT) is suitable for *in-vitro* quantitative detection of the concentration of Procalcitonin (PCT).

This product is used for testing in medical and health institutions for the auxiliary diagnosis of systemic bacterial infection and sepsis in clinical practice.



### ORDERING INFORMATION

Name	Pack Size	Cat. No.
Diagnostic Kit for C-reactive Protein	25 tests/kit	07CRP5025
Diagnostic Kit for Interleukin-6	25 tests/kit	07IL5025
Diagnostic Kit for Procalcitonin (PCT)	25 tests/kit	07PCT5025



# Cardiac Markers



## DIAGNOSTIC KIT FOR CK-MB

Diagnostic Kit for CK-MB is suitable for *in-vitro* quantitative detection of the concentration of creatine kinase MB isoenzyme (CK-MB).

This product is used for testing in medical and health institutions for the auxiliary diagnosis of myocardial infarction. During myocardial infarction, creatine kinase increase within 6 hours after onset, peak at 24 hours, and return to normal within 3 - 4 days. The creatine kinase isoenzyme MB is one of the markers of myocardial infarction due to its high diagnostic specificity.



## DIAGNOSTIC KIT FOR CARDIAC TROPONIN I

Diagnostic Kit for Cardiac Troponin I is suitable for *in-vitro* quantitative detection of the concentration of Troponin I (cTnI).

This product is used for testing in medical and health institutions for the auxiliary diagnosis of myocardial injury caused by acute myocardial infarction and other diseases. When myocardial injury, the cardiac troponin complex is released into the blood, and the increase can be detected in the blood after 4 ~ 6 hours. The elevated troponin I can remain in the blood for 6 to 10 days, providing a long detection period. Cardiac calcitonin I (cTnI) has high specificity and sensitivity, so it has become an ideal marker of myocardial infarction (AMI).



## DIAGNOSTIC KIT FOR MYOGLOBIN

Diagnostic Kit for Myoglobin (Myo) is suitable for *in-vitro* quantitative detection of the concentration of myoglobin.

This product is used for testing in medical and health institutions for the auxiliary diagnosis of myocardial infarction. Myo can be elevated as soon as 2 hours after the onset of chest pain; in patients with severe congestive heart failure and cardiac surgery, it will also increase due to myocardial injury. Myo is a sensitive index in the diagnosis of acute myocardial infarction.





## DIAGNOSTIC KIT FOR D-DIMER

Diagnostic Kit for D-Dimer is suitable for *in-vitro* quantitative detection of the concentration of D-Dimer.

This product is used for testing in medical and health institutions for the auxiliary diagnosis of disseminated intravascular coagulation and pulmonary embolism and other related diseases.



### ORDERING INFORMATION

Name	Pack Size	Cat. No.
Diagnostic Kit for CK-MB	25 tests/kit	07CKMB5025
Diagnostic Kit for Cardiac Troponin I	25 tests/kit	07CTN15025
Diagnostic Kit for Myoglobin (Myo)	25 tests/kit	07MY5025
Diagnostic Kit for D-Dimer	25 tests/kit	07CTNL5025



# Diabetes & Vitamin D



## DIAGNOSTIC KIT FOR HBA1C

Diagnostic Kit for HbA1c is suitable for *in-vitro* quantitative detection of the concentration of glycosylated hemoglobin(HbA1c) in human whole blood.

This product is used for testing in medical and health institutions as an aid to monitor long-term glycemic status in patients with diabetes mellitus.



## DIAGNOSTIC KIT FOR 25-HYDROXYVITAMIN D (25-OH-VD)

Diagnostic Kit for 25-Hydroxyvitamin D (25-OH-VD) is suitable for quantitative determination of 25-Hydroxyvitamin D (25-OH-VD) level.

Results are to be used in conjunction with other clinical and laboratory data to assist the clinician in the assessment of vitamin D sufficiency.



## ORDERING INFORMATION

Name	Pack Size	Cat. No.
Diagnostic Kit for HbA1c	25 tests/kit	07HBA5025
Diagnostic Kit for 25-HydroxyvitaminD (25-OH-VD)	25 tests/kit	07OHVD5025



# Hormones

## Fertility



### DIAGNOSTIC KIT FOR $\beta$ -HCG

Diagnostic Kit for  $\beta$ -HCG is suitable for *in-vitro* quantitative detection of the concentration of Human Chorionic Gonadotropin  $\beta$ -Subunit ( $\beta$ -HCG).

$\beta$ -HCG is used to diagnose early pregnancy, ectopic pregnancy, threatened abortion, placental trophoblastic disease (including mole, erosive mole, choriocarcinoma, etc.), postpartum, and post-abortion monitoring.  $\beta$ -HCG examination is of great significance for the diagnosis of early pregnancy and has certain value for the diagnosis, identification and course observation of diseases related to pregnancy and trophoblastic tumors.



### ORDERING INFORMATION

Name	Pack Size	Cat. No.
Diagnostic Kit for $\beta$ -HCG	25 tests/kit	07HCG5025





# Hormones

## Reproductive



### DIAGNOSTIC KIT FOR LUTEINIZING HORMONE (LH)

Diagnostic Kit for Luteinizing Hormone (LH) is suitable for quantitative determination of LH.

The test is used as an aid to diagnose the ovulation cycle, premature ovarian failure, and gonadal hypoplasia.



### DIAGNOSTIC KIT FOR PROGESTERONE

Diagnostic Kit for Progesterone is suitable for *in-vitro* quantitative detection of the concentration of progesterone (PROG).

PROG is essential for regulating normal female reproductive function.



### DIAGNOSTIC KIT FOR PRL (PROLACTIN)

Diagnostic Kit for PRL (Prolactin) is suitable for *in-vitro* quantitative detection of the concentration of prolactin (PRL).

High levels of prolactin inhibit ovulation which consequently will induce female infertility and reproductive diseases.



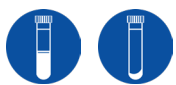
## ORDERING INFORMATION

Name	Pack Size	Cat. No.
Diagnostic Kit for Luteinizing Hormone (LH)	25 tests/kit	07LH5025
Diagnostic Kit for Progesterone	25 tests/kit	07PROG5025
Diagnostic Kit for PRL (Prolactin)	25 tests/kit	07PLAC5025



# Hormones

## Thyroid



### DIAGNOSTIC KIT FOR TSH

Diagnostic Kit for TSH is suitable for *in-vitro* quantitative detection of the concentration of thyroid stimulating hormone (TSH).

This product is used for testing in medical and health institutions for the auxiliary diagnosis of the assessment of thyroid function.



### DIAGNOSTIC KIT FOR T3

Diagnostic Kit for T3 is suitable for *in-vitro* quantitative detection of the concentration of triiodothyronine (T3).

T3, is a thyroid hormone. It affects almost every physiological process in the body, including growth and development, metabolism, body temperature, and heart rate. This product is also used for testing in medical and health institutions for the auxiliary diagnosis of the assessment of thyroid function.



### DIAGNOSTIC KIT FOR T4

Diagnostic Kit for T4 is suitable for *in-vitro* quantitative detection of the concentration of tetraiodothyronine (T4).

This product is used for testing in medical and health institutions for the auxiliary diagnosis of the assessment of thyroid function. T4 is a useful marker for the diagnosis of hypothyroidism and hyperthyroidism.





## DIAGNOSTIC KIT FOR FREE T3

Diagnostic Kit for Free T3 is suitable for quantitative determination of free triiodothyronine (FT3).

Free triiodothyronine (FT3) is the physiologically active form of the thyroid hormone triiodothyronine (T3). The test is used as an aid to the assessment of thyroid function.



## DIAGNOSTIC KIT FOR FREE T4

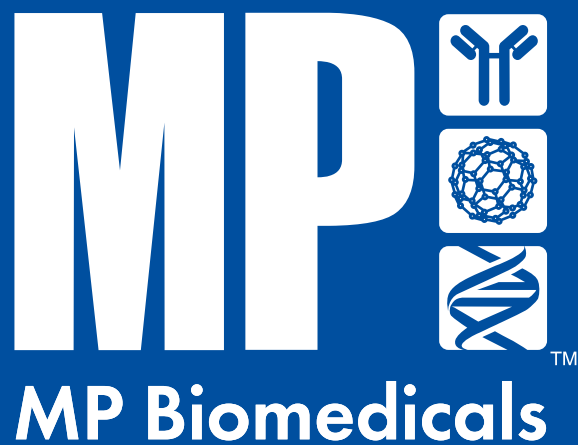
Diagnostic Kit for Free T4 is suitable for quantitative determination of free thyroxine (FT4).

The test is used as an aid to the assessment of thyroid function. The thyroid hormone thyroxine (T4) is physiologically part of the regulating circuit of the thyroid gland and has an effect on general metabolism.



## ORDERING INFORMATION

Name	Pack Size	Cat. No.
Diagnostic Kit for TSH	25 tests/kit	07TSH5025
Diagnostic Kit for T3	25 tests/kit	07T35025
Diagnostic Kit for T4	25 tests/kit	07T45025
Diagnostic Kit for Free T3	25 tests/kit	07FT35025
Diagnostic Kit for Free T4	25 tests/kit	07FT45025



*Need more information?*  
Visit our webpage



[www.mpbio.com](http://www.mpbio.com)

**MP BIOMEDICALS DIAGNOSTICS**

EUROPE: [diagnostics@mpbio.com](mailto:diagnostics@mpbio.com) | 0049. 5651.921.0



QUANTI-FL2302EN