POCT

POCT: Instant test (point-of-care testing), refers to the clinical tests carried out at the patient's bedside (bedside detection bed side testing), the sampling site are analyzed instantly, eliminating the complex processing procedures when testing specimens in laboratory, quickly get a new class method test results.

POCT Quantitative Test Series combined high sensitivity fluorescence microspheres technology with high specificity immune response, support the serum, plasma, and whole blood samples, achieved fast point-of-care testing with high quality.Can be widely used in clinical departments

POCT has 12 test items.

Including CRP,PCT,25-OH-D,N- MID,PTH,25-OH-D3,D-Dimer,MYO,CK-MB,cTnI,NT-pro BNP and Fer. Sample Type support whole blood, serum, and plasma.

The POCT series is widely used in medical institutions of central laboratory, out patient /emergency laboratory, clinical departments, and other medical services

(such as community clinic), physical examination center, etc., can also be applied to scientific research and laboratory testing.

Testing Items

Items Name	Clinic Application	Sample Type
CRP Quantitative Test Kit	Detecting CRP levels in human blood has great significance in identification of bacterial and viral infections.	Whole blood, serum, and plasma
PCT Quantitative Test Kit	This test is used as an auxiliary diagnosis of sepsis, severe acute pancreatitis and its main complications.	
25-OH-DQuantitativeTest Kit	This test is used as an evaluation of vitamin D deficiency.	
N-MID Osteocalcin Quantitative Test Kit	This test is used as an auxiliary diagnosis of bone metabolic diseases such as osteoporosis, hypercalcemia, etc.	
PTH Quantitative Test Kit	This test is used as an auxiliary diagnosis of parathyroid function.	
25-OH-D_3QuantitativeTest Kit	This test is used as an auxiliary diagnosis of vitamin D3 level in adults.	
D-Dimer Quantitative Test Kit	This test is used as an auxiliary diagnosis of fibrinolytic system, diseases related fibrinolytic system, and thrombolysis therapy.	
MYO Quantitative Test Kit	This test is used as an early diagnosis of myocardial infarction.	
CK-MB Quantitative Test Kit	This test is used as an auxiliary diagnosis of myocardial ischemia, rhabdomyolysis, and stroke.	
cTnI Quantitative Test Kit	This test is used as auxiliary diagnosis and treatment of myocardial infarction and myocardial injury.	
NT-pro BNP Quantitative Test Kit	This test is used as monitoring treatment of patients with cardiac insufficiency.	
Fer Quantitative Test Kit	This test is used as an auxiliary diagnosis of iron deficiency anemia.	

100 Fluorescence Immunoassay Quantitative Analyzer

Principles:

After the reaction is finished in the test card, insert the test card into the 100 analyzer. Instrument measurement system automatically scan the combined area with markers and the object under test, gain optical signals, than measure and analyze the optical signal, conclude the concentration of the sample quantitatively. The test results are automatically output and storage.

Steps:

Turn on the analyzer → Load the samples→Insert the card→ Test →Get the result.

Advantages of Fluorescence Microspheres Quantitative Test

(1) Quick and easy: sample type with whole blood, serum or plasma; without washing, direct detection after adding sample; using internal standard curve technology, no need to calibrate when use; 3 test modes, 5 mins to get results.

(2) Sensitive and reliable: comprehensive linear range and high sensitivity in detection ; multi-point calibration, test results more reliable; advanced membrane chromatography, optimize the reaction conditions, improve the sensitivity and accuracy; automatic detection reagent effect, and give a quick warning to the operator.

Fluorescence Microspheres Quantitative Test has many Advantage, which can be widely used in clinical departments.

True Tech Medical Ltd is etablished in 2011. We have enough professional technology and processes of it. please contact us if you need it at any time.