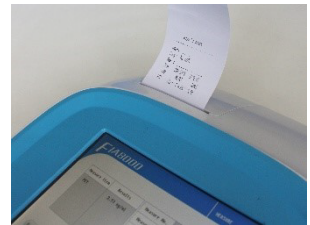




FIA8000

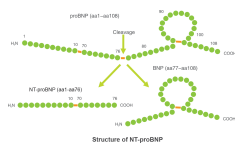
Quantitative Immunoassay Analyzer



FIA8000 Quantitative Immunoassay Analyzer is a medical diagnostic instrument which can be used to measure a variety of biomarkers in human whole blood, serum, plasma or other specimens. Due to its portable and light weight design, the FIA8000 can be easily deployed at patient side, facilitating the clinical decisions with its rapid results. FIA8000 offers testing of cardiac markers, inflammation monitoring, diabetes, fertility, and renal function.

NT-proBNP

As an aid in the diagnosis of heart failure (HF)

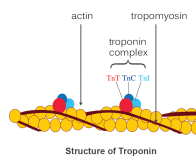


Clinical Application

- * Early detection for patients with heart failure
- * Diagnosis and risk stratification of heart failure
- * Distinguish dyspnea caused by heart failure from other diseases

Cardiac Troponin I

As an aid in the diagnosis of acute myocardial infarction (AMI)

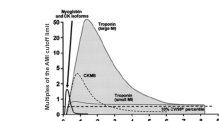


Clinical Application

- * As an aid in the early diagnosis of acute myocardial infarction (AMI)
- * Acute myocarditis, unstable angina, acute coronary syndrome (ACS)
- * Evaluate the severity of myocardial damage

CK-MB/cTnI/Myo

As an aid in the diagnosis of myocardial damage



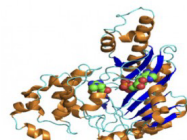
Timing of release of cardiac markers after acute myocardial infarction

Advantage of CK-MB/cTnI/Myo

- * Improve the precision of detection
- * Better sensitivity and specificity
- * Reduce missed diagnosis

CK-MB

As an aid in the diagnosis of myocardial damage

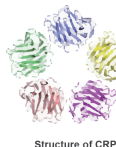


Clinical Application

This test is used as an aid in the clinical diagnosis, prognosis and evaluation of myocardial injury such as Acute Myocardial Infarction (AMI), Unstable Angina, Acute Myocarditis and Acute Coronary Syndrome (ACS).

hs-CRP+CRP

For the assessment of cardiovascular diseases and the diagnosis of inflammation

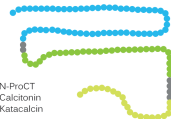


Clinical Application

- * Risk assessment for cardiovascular inflammatory diseases
- * An effective indicator for cardiovascular disease
- * Distinguish between bacterial and viral infection

PCT

A biomarker for early sepsis intervention

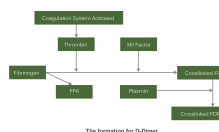


Clinical Application

- * Best indicator of infection
- * Diagnosis, prognosis judgment and treatment of sepsis
- * Guide the use of antibiotics and to monitor the treatment effect

D-Dimer

For the exclusion of deep-vein thrombosis (DVT) & pulmonary embolism (PE)



Clinical Application

- * As an aid in the exclusion of venous thromboembolism (VTE)
- * As an aid in the exclusion of pulmonary embolism (PE)
- * As an aid in the diagnosis of disseminated intravascular coagulation (DIC)

HbA1c

As an aid in diagnosis and monitoring of diabetes

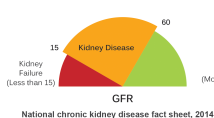
Hemoglobin is the protein molecule in red blood cells with the main function transport oxygen and carbon dioxide in blood. HbA1c belongs to the glycated hemoglobins, a fraction formed by the attachment of various sugars to the Hb molecule and is proportional to average blood glucose concentration over the previous four weeks to three months.

Clinical Application

- * Diabetes screening
- * Diagnose and monitor long term glycemic control
- * Predict the risk for the development of complications

Cys c (Cystatin c)

Assessment and evaluation of index of glomerular filtration rate



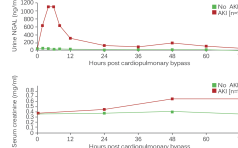
National chronic kidney disease fact sheet, 2014

Clinical Application

- * Early diagnosis of chronic kidney disease
- * Monitor the kidney function in chemotherapy and kidney transplant patient
- * Early diagnosis and prevention of kidney injury in patients at high-risk of AKI

NGAL (neutrophils gelatinase associated lipocalin)

For the early diagnosis of acute kidney injury



Clinical Application

- * An early diagnostic marker for acute kidney injury (AKI)
- * Diagnosis and warning for chronic kidney disease (CKI)
- * Monitor the treatment effect and assessment of lesion extent

Micro Albumin (mAlb)

As a predictor of clinical diabetic nephropathy

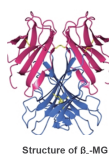


Clinical Application

- * Indicator of diabetic nephropathy, hypertensive nephropathy and early renal damage
- * An early indicator of changes in renal and cardiovascular system
- * Detection of pregnancy-induced renal disease

β₂-MG

Detection and evaluation of glomerular filtration rate (GFR)

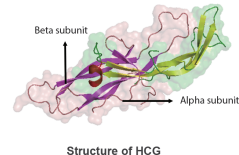


Clinical Application

- * Evaluation of the kidney disease
- * Assess the hypertension and kidney injury caused by diabetic nephropathy (DN)
- * The evaluation for prognosis and therapeutic effect of malignancies

HCG+β

As an aid diagnosis of early pregnancy

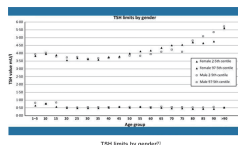


Clinical Application

- * Diagnosis of early pregnancy
- * Diagnose and monitor the status of the embryonic development
- * Diagnosis of ectopic pregnancy

TSH

As an aid in the diagnosis of thyroid disease



Clinical Application

- * As an aid in the diagnosis of primary hyperthyroidism
- * As an aid in the diagnosis of primary hypothyroidism
- * First strategy for abnormal thyroid function diagnosis

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