

Lp-PLA2---High specificity predictor of Cardio-cerebrovascular severe events

- Lp-PLA2 is specific marker of vascular inflammation
- High levels of Lp-PLA2 predicts atherosclerotic plaque rupture more easily
- Reflect the severity of plaque, effectively discern benign and malignant plaques
- Independently predict cardio-cerebrovascular diseases caused by atherosclerosis
- Dynamic change reflect treatment effect: Supplementary guidance for the clinical therapy and curative effect of patients with cardio-cerebrovascular diseases

Hotgen Lp-PLA2 Test Kit(CLIA)

- Linear range: 5~1000ng/ml
- Sample: Serum, plasma, whole blood

MQ60 Test Items

Cat. NO.	Test Items	Specimen	Test Time	Shelf Life	Storage	Package	Linear Range
HGCL01	hs-cTnI	Serum/Plasma/Whole blood	17 min	12 months	2-8°C	607/Box	0.02~50 ng/ml
HGCL02	CK-MB	Serum/Plasma/Whole blood					
HGCL03	MYO	Serum/Plasma/Whole blood					
HGCL04	NT-proBNP	Serum/Plasma/Whole blood					
HGCL05	D-Dimer	Plasma/Whole blood					
HGCL06	H-FABP	Serum/Plasma/Whole blood					
HGCL07	Lp-PLA2	Serum/Plasma/Whole blood					
HGCL09	S100	Serum/Plasma/Whole blood					
Infection Diseases							
HGCL10	PCT	Serum/Plasma/Whole blood	17 min	12 months	2-8°C	607/Box	0.02~100 ng/ml
HGCL11	CRP	Serum/Plasma/Whole blood					0.5~150 mg/L
HGCL12	IL-6	Serum/Plasma/Whole blood					1.5~5000 pg/ml
Kidney Diseases							
HGCL13	NGAL	Urine	17 min	12 months	2-8°C	607/Box	10~1500 ng/ml
HGCL14	NGAL	Serum					10~1500 ng/ml
HGCL15	Cys-C	Serum/Plasma/Whole blood					0.02~4 mg/L



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Pioneer in **POCT** & Innovative Diagnostics



Automatic Chemiluminescence Immunoassay Analyzer



Hotgen
Beijing Hotgen Biotech Co., Ltd.



Fully Automatic Chemiluminescence Immunoassay Test System

Principle:

Chemiluminescence Immunoassay Technology is a kind of detection technology, which is the combination of chemiluminescence material and immunity reaction, high-sensitive light reaction and specificity immunology reaction.

MQ60 The highly precise, fast and compact Chemiluminescence Immunoassay Test System
 Fully Automatic Chemiluminescence Immunoassay Analyzer
 Fully Automatic Liquid Phase Immunoassay Analyzer

MQ60
 ANALYTICAL



Features:

- Fully automatic, fully quantitative
- 6 independent detection channels in parallel, synchronously quantitative analysis.
- Complete 6 tests in 17 min
- The specimen can be whole blood, plasma, serum
- Suitable for clinical lab, Emergency Department and Point-of-Care Testing
- High sensitivity, high accuracy, good reproducibility, in Central Lab quality
- Can be linked to Laboratory Information Management System (LIS)

Test Items

- Cardio-cerebrovascular Diseases:
 - hs-cTnl, CK-MB, MYO, H-FABP, NT-proBNP, D-Dimer, Lp-PLA2, S100;**
- Infection Diseases: **CRP, PCT, IL-6;**
- Kidney Diseases: **NGAL, Cys-C;**
- Liver Diseases: **AFP, GP73, AFP-L3;**
- Calcium Deficiency Diseases **25-OH-VitaminD**

Application departments

Clinical laboratory, Cardiology dept, Emergency dept, ICU Dept, Oncology dept, Pediatrics dept, Pneumology dept, Nephrology dept, Respiratory dept, etc.

Operation procedure

