



cTnI/Myo/CK-MB Diagnostic Kit



cTnI: cTnI, with cardiac specificity and sensitivity, is released into blood in myocardial damage and the concentration raises after 4-6 hours, which makes it an ideal marker for confirmation of MI.

Myo Test: Myo level raises as soon as 2 hours after heart attack. It is the early marker for MI.

CK-MB : CK-MB in blood increases after 304 hours of myocardial damage, which makes it an important marker for AMI.

Clinical Use of CK-MB Test

- ◆ Clinical diagnosis, prognosis evaluation and risk stratification of acute coronary syndrome;
- ◆ To evaluate the area of MI;
- ◆ To monitor myocardial damage caused by cardiac operation;
- ◆ To estimate the result of thrombolytic therapy;
- ◆ To evaluate clinical therapy effects;

Parameters

Specimen	Serum/Plasma
Specimen volume	80µl-100µl
Cut off	cTnI: 0.8 ng/ml
	Myo: 25 ng/ml
	CK-MB: 4 ng/ml
Linear range	cTnI:1-50ng/ml
	MYO:25-500ng/ml
	CK-MB:5-100ng/ml
Precision	CV≤15%
Accuracy	Relative deviation <20%
Interpretation time	15min
Test time	15s

Application

Emergency Dept, Cardiology Dept, Nephrology Dept, Surgery Dept, CCU, ICU