

## CK MB (NAC act.) Kit Immunoinhibition / Mod. IFCC Method

### Intended Use:

CK is dimeric molecule composed of M and B subunits, which are immunologically distinct. It exists as three main iso enzymes CK-MM, CK-MB and CK-BB. CK-MB is found mainly in the myocardial cells and enter the bloodstream when the respective organ gets damaged. Hence the increased levels of CK-MB along with elevated levels of total CK is a good indicator of myocardial infarction. CK-MB levels usually do not rise in chest pain caused by angina, pulmonary embolism or congestive heart failure. CK MB (NAC act.) kit uses the immunoinhibition / modified IFCC method to determine CK-MB activity in serum.

### CK MB (NAC act.) Kit components:

L1	Enzyme Reagent
L2	Starter Reagent
Other Accessories	Package Insert

### System Parameters

<b>Reaction</b>	: U. V. Kinetic	<b>Interval</b>	: 60 sec.
<b>Wavelength</b>	: 340 nm	<b>Sample Vol.</b>	: 0.05 ml
<b>Zero Setting</b>	: Distilled water	<b>Reagent Vol .</b>	: 1.00 ml
<b>Incub. Temp</b>	: 37°C	<b>Standard</b>	: ---
<b>Incub. Time</b>	: ---	<b>Factor</b>	: 6666
<b>Delay Time</b>	: 300 sec.	<b>React. Slope</b>	: Increasing
<b>Read Time</b>	: 180 sec.	<b>Linearity</b>	: 1000 U/L
<b>No. of read.</b>	: 4	<b>Units</b>	: U/L

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 Months
In use stability	2-8°C	12 Months
Working reagent stability	2-8°C	10 Days

Available Pack Sizes	
2 X 10 ml	2 X 25 ml
2 X 75 ml	

<b>Suggested control</b>	Calkine Creatine Kinase
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