BIOBOON BIOTECH LLC

CK-MB Test Kit Kinetic UV



- Accurate & Reliable
- Kinetic Method
- Wide Linear Range (up to 1500 IU/L)
- Low Detection Limit (5 IU/L)



TEST PARAMETERS

Wavelength	340 nm
Cuvette	1 cm
Reaction Temperature	37°C
Measurement	Against distilled water
Reaction Type	Kinetic Test
Reaction Direction	Increasing
Sample Volume	50 µL
Reagent Volume	1000 µL
Delay/lag time	300 Sec.
Interval Time	60 Sec.
No. of Readings	05
Blank Absorbance Limit	< 0.7
Factor	6752
Low Normal at 37°C	0 IU/L
High Normal at 37°C	24 IU/L
Linearity	1500 IU/L

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

Working Reagent	1000 µL
Incubate at Assay temperature for 1 min and add.	
Sample	50 µL

Mix well and after 5 min. measure the change in absorbance. Read the initial absorbance and start timer simultaneously, read again after every 60 seconds for 5 minutes. Calculate A/min.

SAMPLE DILUTIONS

1. The method is linear upto a concentration of 1500 IU/L.
2. Dilute samples above this concentration 1:1 with 0.9% saline solution.
3. Repeat assay. Multiply the result by 2.

LINEARITY & SENSITIVITY

LINEARITY
The method is linear upto a concentration of 1500 IU/L.

LIMIT OF DETECTION
The limit of CK-MB is 5 IU/L.

INDIA OFFICE
BIOBOON BIOTECH INDIA LLP
207. Regent Square
2nd floor, Above D'mart shopping mall
Adajan, Surat-395009
Email: info@bioboonbiotech.com

USA ADDRESS
BIOBOON BIOTECH LLC
1526 West 3rd Street,
Plainfield, NJ, 07063
USA
Email: mahipal@bioboonbiotech.com