

CK-MB Test Kit

Kinetic UV

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	340nm
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 Secs
Interval Time	60 Secs
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.

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LINEARITY

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

Limit of detection: The limit of CK-MB is 5 IU/L.

Corporate Office:-

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