

Homocysteine Test Kit

Enzymatic

ASSAY PROCEDURE

AUTOMATED PARAMETERS	
Temperature	37°C
Cuvette light path	1.0cm
Primary Wavelength	340 nm
Secondary Wavelength	405 nm
Direction	Decreasing
Sample Vol	13 µL
Reagent Vol	305 µL
Delay Time	90 seconds
Read Time	180 seconds
Linearity	0~50µmol/L

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

MANUAL ASSAY PROCEDURE

Addition Sequence	Calibr (C)	Test (T)
Reagent 1	240 µL	240 µL
Calibrator	13 µL	-
Sample	-	13 µL
Mix well and incubate for 5 minutes at 37° C		
Reagent 2	65 µL	65 µL

MULTI POINT CALIBRATION

Mix well, and read the absorbance after 90 sec
A1 and after 180 sec minutes A2 of the
sample/calibrator addition.

Prepare the following HCY calibrator dilutions in
NaCl 9 g/dL, Multiply the concentration of the
HCY calibrator by the corresponding factor stated
in the table below to obtain the HCY concentration
of each dilution.

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LINEARITY

The maximum linearity is 50 μ mol/L. If testing results is upper limit, dilute with 0.9% sodium chloride solution before test, results multiplied by the dilution ratio.

Limit of detection: 0 μ mol/L

Corporate Office:-

C/609, 6th Floor, Mittal Commercial, Unit 2,
Hasan Pada Road, Chimatpada Marol, Andheri (E),
Mumbai - 400059.

Factory Address:-

G/F- 12/13, Evershine-2, Survey NO.
307/3/1, Balitha, N.H No 48, Vapi, Valsad,
Gujarat, 396191.