

Bicarbonate Test Kit

Enzymatic

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	405 nm
Cuvette	1 cm
Reaction Temperature	37°C
Reaction Type	Fixed Time
Reaction Direction	Decreasing
Incubation	5 Min.
Sample Volume	10 µL
Delay Time	5 Sec.
Read Time	30 Sec.
Reagent Volume	1000 µL
Linearity	40 mEq/L
Blank Absorbance Limit	< 0.30
Units	mEq/L

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	10µl
Standard	-	10µl	-
Reagent	1000µl	1000µl	1000µl

Mix & Incubate for 05 min. at RT.
Measure absorbance of Sample (AT) and
Calibrator (AC) against Reagent Blank at
505 nm.

SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 40 mEq/L.
2. Dilute samples above this concentration 1:1 with DI Water.
3. Repeat assay. Multiply the result by 2.

Bicarbonate Test Kit Enzymatic

Bicarbonate Test Kit



LINEARITY

This method is linear upto a concentration of 40 mEq/L. Dilute samples above this concentration 1:1 with DI Water and Repeat assay. Multiply the result by 2.

Limit of detection: 0.08 mEq/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.