

Zinc Test Kit Colorimetric

ASSAY PROCEDURE

AUTOMATED PARAMETERS	
Wavelength	546 nm
Reaction Type	End Point
Cuvette	1 cm light path
Reaction Temperature	37°C
Reaction Type	Increasing
Measurement	Against Reagent Blank
Sample Volume	50µl
Reagent Volume	1000µl
Incubation	05 minutes
Blank Absorbance Limit	< 0.500
Low Normal	72.6 µg/dl
High Normal	127 µg/dl
Linearity	400 µg/dl

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	50µl
Standard	-	50µl	-
Reagent	1000µl	1000µl	1000µl

Mix & Incubate for 05 min. at 37°C Measure absorbance of Sample (AT) and Standard (AS) against Reagent Blank at 546 nm.

SAMPLE DILUTIONS:

- 1. The method is linear upto a concentration 400 µg/dl.**
- 2. Dilute samples above this concentration 1:1 with 0.9% saline solution.**
- 3. Repeat assay. Multiply the result by 2.**

Zinc Test Kit Colorimetric

Zinc Test Kit



LINEARITY

The method is linear upto a concentration 400 $\mu\text{g}/\text{dl}$. 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 detection for Zinc is 0.1 $\mu\text{g}/\text{dl}$.

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.