BIOBOON BIOTECH LLC

Zinc Test Kit – Colorimetric

In Vitro Diagnostic Use

- *Quantitative Determination of Zinc*
- *Colorimetric Method*
- *For In Vitro Diagnostic Use*



AUTOMATED PARAMETERS

Wavelength	546 nm
Reaction Type	End Point
Cuvette	1 cm light path
Reaction Temperature	37°C
Measurement	Against Reagent Blank
Sample Volume	50 µL
Reagent Volume	1000 µL
Incubation	5 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	Standard	Sample
Sample	–	–	50 µL
Standard	–	50 µL	–
Reagent	1000 µL	1000 µL	1000 µL

Mix & incubate for 5 min at 37°C. Measure absorbance of Sample (AT) and Standard (AS) against Reagent Blank at 546 nm.

SAMPLE DILUTIONS / LINEARITY

- The method is linear up to 400 µg/dL.
- Dilute samples above this concentration 1:1 with 0.9% saline solution.
- Repeat assay. Multiply the result by 2.

Limit of Detection: 0.1 µg/dL.

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