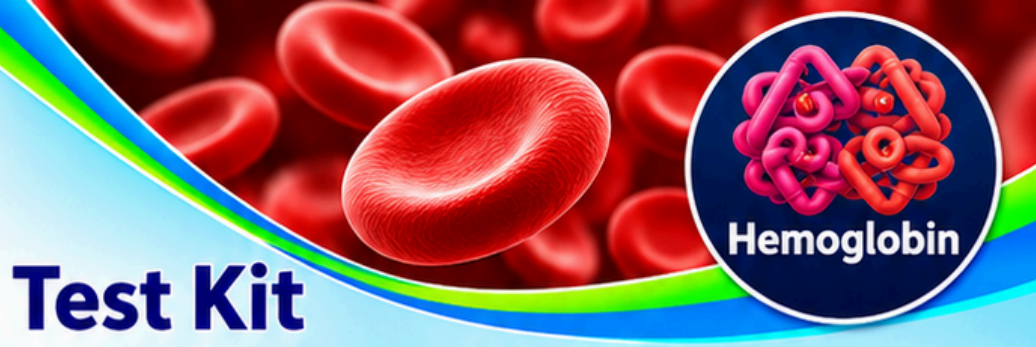
BIOBOON BIOTECH LLC



Hemoglobin Test Kit
(Cyanmethaemoglobin Method)

- Cyanmethaemoglobin Method
- Accurate Procedure
- Simple & Reliable
- For Laboratory Use



AUTOMATED PARAMETERS

Wavelength	546 nm
Reaction Temperature	RT (25°C)
Reaction	End Point
Sample Volume	20 µL
Reagent Volume	5000 µL
Delay	5 sec
Incubation	5 minutes
Low Normal	10.0 g/dL
High Normal	18.0 g/dL
Linearity	20 g/dL

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

Component	Blank	Test Sample
Reagent 1	5000 µL	5000 µL
Sample	None	20 µL

Mix well and incubate at room temperature (25°C) for at least 5 minutes. Measure absorbance of the test sample (Abs.T) against the blank. Final colour is very stable.

LINEARITY & SAMPLE DILUTION

LINEARITY
Method linear up to 20 g/dL.

SAMPLE DILUTION
If above 20 g/dL, dilute whole blood 1+1 with normal saline (NaCl 0.9%), repeat assay, multiply the result by 2.

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