

Hemoglobin Test Kit (Cyanmethaemoglobin Method)

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	546 nm
Reaction Temperature	RT
Reaction	End Point
Sample Volume	20 µl
Reagent Volume	5000 µl
Delay	5 Sec.
Incubation	5 minuts
Low normal	10.0 g/dl
High Normal	18.0 g/dl
Linearity	20 g/dl

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	Blank	TEST SAMPLE
Reagent 1	5000 µl	5000 µl
Sample	-	20 µl

SAMPLE DILUTIONS:

Mix well and incubate at R.T. (25°C) for atleast 5 min. Measure the absorbance of the Test Sample (Abs.T) against the Blank. The final colour is very stable.

This procedure is linear upto 20 g/dl. If the value exceeds this limit, dilute the whole blood 1+ 1 with normal saline (NaCl 0.9%) and repeat the assay. Results x 2.

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LINEARITY

The method is linear upto a concentration of 20 g/dl. Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.

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