

HEMOGLOBIN

METHOD : Cyanomethemoglobin Method

PRINCIPLE : Hemoglobin is oxidized with Potassium Ferricyanide to Methemoglobin. Methemoglobin reacts with Potassium Cyanide to form Cyanmethemoglobin.

NORMAL RANGE :

Adult Male : 13 to 18 gms/dl Adult Female : 11 to 16 gms/dl

SAMPLE : Whole or Capillary Blood, EDTA Blood.

MATERIAL REQUIRED : Hemoglobin Reagent, Clean and Dry Test tubes, Micro Pipettes, Semi Auto Analyzer.

SYSTEM PARAMETERS :

Reaction : End Point Sample Volume : 0.02 ml
Wavelength : 540 nm Reagent Volume : 5.00 ml
Incubation Temp.: R. T. Factor : 36.80
Incubation Time : 5 Minutes Linearity : 25 gms/dl

PROCEDURE :

Take Hemoglobin Reagent 5.00 ml in a test tube.

Add 0.02 ml Blood Sample and Wait for 5 Minutes.

Take reading in Semi Auto Analyzer.

Prepared by : Lab Technician	Authorized by : Medical Officer