

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mr. HM26	Billing Date	: 07/07/2023 12:24:32
Age	: 15 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012799	Report Released on	: 14/07/2023 16:11:16
Accession No	: 10002304855	Barcode No.	: 10002304855-01
Referring Doctor	: Self	Ref no.	:
Referred By	:		

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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HAEMATOLOGY

Hemoglobin Variant (Hb Electrophoresis)

Method: HPLC

Haemoglobin A (Adult) Sample: Whole Blood EDTA	97.2	95.0 - 98.0	%
Haemoglobin A2 Sample: Whole Blood EDTA	2.3	2.0 - 3.5	%
Haemoglobin F (Foetal) Sample: Whole Blood EDTA	1.0	0.1 - 1.2	%
Haemoglobin S (Sickle) Sample: Whole Blood EDTA	0.0	0 - 0	%
Haemoglobin (Hb) Sample: Whole Blood EDTA Method: Photometric measurement	11.8 L	13.0 - 17.0	gm/dL
RBC Count Sample: Whole Blood EDTA Method: Impedance	4.6	4.5 - 5.5	million/ μ L
PCV / Hematocrit Sample: Whole Blood EDTA Method: Impedance	31.7 L	40.0 - 50.0	%
MCV Sample: Whole Blood EDTA Method: Calculated	91.3	83.0 - 101.0	fL
MCH Sample: Whole Blood EDTA Method: Calculated	28.1	27.0 - 32.0	pg
MCHC Sample: Whole Blood EDTA Method: Calculated	30.4 L	31.5 - 34.5	g/dL
RDW (Red Cell Distribution Width) Sample: Whole Blood EDTA Method: Calculated	12.7	11.6 - 13.8	%

10002304855 Mr. HM26



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Impression

NORMAL HB CHROMATOGRAPHY ANALYSIS .
NO HAEMOGLOBINOPATHY IS DETECTED.

Haemoglobin (Hb)

Hemoglobin is the iron containing protein molecule in red blood cells that carries oxygen from the lungs to the body's tissues and returns carbon dioxide from the tissues back to the lungs. Decrease in Hemoglobin levels results in anaemia and very high Hemoglobin levels results in hemochromatosis.

PCV / Hematocrit

Clinical Significance :

Hemoglobin is the iron containing protein molecule in red blood cells that carries oxygen from the lungs to the body's tissues and returns carbon dioxide from the tissues back to the lungs. Decrease in Hemoglobin levels results in anaemia and very high Hemoglobin levels results in hemochromatosis. Hematocrit or Packed cell volume (PCV) is the proportion of blood volume occupied by red blood cells and is typically about three times the hemoglobin concentration.

Hemoglobin Variant (Hb Electrophoresis)

COMMENTS / INTERPRETATION :

- Levels of HbA₂, HbF and HbA play key role in the diagnosis of abnormal hemoglobin, especially in β -thalassemias and other hemoglobin variants (HbS, HbE, HbD and HbQ etc).

** End of Report**



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DNB (Pathology)
Senior Consultant

10002304855 Mr. HM26

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