

BS**SARDANA LABS.**
BS DIAGNOSTIC CLINICS

NEW JAWAHAR NAGAR MARKET ROAD, OPP. APPEE JAY SCHOOL, JALANDHAR

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HARVINDER KAUR DS**06-03-2021**

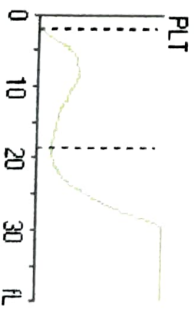
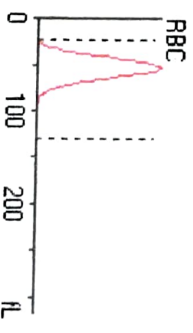
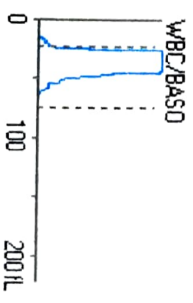
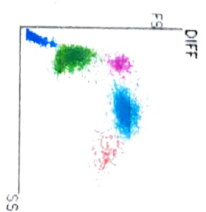
Name of the patient..... Regd. No.....

Age..... 53 Year Sex Female Hospital..... **K14**

Doctor Incharge.....

HEMOGRAM

Parameter	Result	Unit	Ref.Range
WBC	8.46	$\times 10^3/\mu\text{L}$	4.00 - 10.00
Neu%	60.0	%	50.0 - 70.0
Lym%	33.0	%	20.0 - 40.0
Mon%	3.8	%	3.0 - 12.0
Eos%	2.9	%	0.5 - 5.0
Bas%	0.3	%	0.0 - 1.0
Neu#	5.07	$\times 10^3/\mu\text{L}$	2.00 - 7.00
Lym#	2.79	$\times 10^3/\mu\text{L}$	0.80 - 4.00
Mon#	0.33	$\times 10^3/\mu\text{L}$	0.12 - 1.20
Eos#	0.25	$\times 10^3/\mu\text{L}$	0.02 - 0.50
Bas#	0.02	$\times 10^3/\mu\text{L}$	0.00 - 0.10
RBC	5.51	$\times 10^6/\mu\text{L}$	3.50 - 5.00
HGB	8.7	g/dL	11.0 - 15.0
HCT	29.4	%	37.0 - 47.0
MCV	53.4	fL	80.0 - 100.0
MCH	15.8	pg	27.0 - 34.0
MCHC	29.6	g/dL	32.0 - 36.0
RDW-CV	18.7	%	11.0 - 16.0
RDW-SD	43.2	fL	35.0 - 56.0
PLT	219	$\times 10^3/\mu\text{L}$	150 - 400
MPV	8.6	fL	6.5 - 12.0
PDW	15.0	%	9.0 - 17.0
PCT	0.189	%	0.108 - 0.282
AI, Y%	0.1	%	0.0 - 2.0
IJC%	1.8	%	0.0 - 2.5
AI, Y#	0.01	$\times 10^3/\mu\text{L}$	0.00 - 0.20
IJC#	0.16	$\times 10^3/\mu\text{L}$	0.00 - 0.20



Dated :

Subject to conditions of Reporting given over leaf.

Dr. N.K. SARDANAM.D. Path.
CONSULTANT PATHOLOGIST



5520010068610

HARVINDER KAUR DS

PID NO: P552000071238
Age: 53.0 Year(s) Sex: Female



Reference: Dr.N.K. SARDANA
Sample Collected At:
DR. N K SARDANA
SARDANA LABS, 50 MAHAVIR MARG,
JALANDHAR
Sample Processed At: **Metropolis**
Healthcare Ltd E-21, B1 Mohan Co-op
Ind Estate New Delhi-110044

VID: 5520010068610
Registered On:
06/03/2021 06:07 PM
Collected On:
06/03/2021 6:07PM
Reported On:
08/03/2021 01:43 PM

Haemoglobin Studies

Investigation	Observed Value	Unit	Biological Reference Interval
Erythrocyte (RBC) Count	5.51	mill/cu.mm	4.2-5.4
Haemoglobin (Hb)	8.7	gm/dL	12.5-16
MCH (Mean Corpuscular Hb)	15.7	pg	27-31
MCHC (Mean Corpuscular Hb Concn.)	29.5	g/dL	32-36
MCV (Mean Corpuscular Volume)	53.3	fL	78-100
HCT(Hematocrit)	29.4	%	37-47
RDW (Red Cell Distribution Width)	21.7	CV%	11.5-14.0
Foetal Haemoglobin (HbF)	0.6	%	0.0-2.0
Haemoglobin A0 (Hb A0)	94.3	%	94.3-98.5
Haemoglobin A2 (HbA2)	5.1	%	1.5-3.7
Haemoglobin D (HbD)	0	%	0-0
Haemoglobin S (HbS)	0	%	0-0
Haemoglobin C (HbC)	0	%	0-0
Haemoglobins E (HbE)	0	%	0-0

BETA THALASSAEMIA TRAIT.
(MINOR).

Suggestion

See Remark 1 & 2. Advise: Family Study and Iron Studies.

Method: HPLC (High performance liquid chromatography), on whole blood.

Interpretations & Remarks:-

- All results have to be correlated with age and history of blood transfusion If there is history of blood transfusion in last 3 months, repeat testing after 3 months from last date of transfusion is recommended.
- In case of haemoglobinopathy, parents or family studies, DNA Analysis and Genetic counseling is advised..
- This test detects Beta thalassaemia and haemoglobinopathies. DNA analysis is recommended to rule out alpha thalassaemia and silent carriers.
- Mild to moderate increase in fetal haemoglobin can be seen in some acquired conditions like Pregnancy, Megaloblastic anaemia, Thyrotoxicosis, Hypoxia, Chronic kidney disease, Recovering marrow, MDS, Aplastic anaemia, PNH, Medications (Hydroxyurea, Erythropoietin) etc.
- P3 window- Above 10% is often indicative of either denatured forms of hemoglobins or may suggest a possibility of abnormal haemoglobin variant. Hence,repeat analysis with fresh sample or DNA studies is advised.
- P2 window- Above 10% is indicative of either glycosylated haemoglobin requiring correlation with diabetic status or may suggest a possibility of abnormal haemoglobin variant requiring further DNA studies for confirmation.
- Iron deficiency Anaemia may be associated with low HbA2 result.
- Megaloblastic Anaemia may be associated with elevated HbA2 levels (False high result).

Results relate only to the sample as received. Refer to conditions of reporting overleaf.

*The Parameters marked with an * are not accredited by NABL.

† This test was outsourced to Metropolis Healthcare Ltd, Mumbai Page 1 of 2

Refer to conditions of reporting overleaf **Referred Test

Dr. Asim Israr Khan
(Pathology)



PARAMJIT CLINICAL LABORATORY

UNIFIED LIFE SCIENCE

