

MAHARSHI DAYANAND SARASWATI DISTRICT HOSPITAL

MATHURA DEPARTMENT OF PATHOLOGY "AN ISO 9001:2015 CERTIFIED LABORATORY"

Date : 02-Sep-2024

Reg/Ref: 151 / 303155

Collected At : DMH

Name : MR. GOPAL SHARMA

Age/Sex : 73 Yrs./Male

Ref.By : Dr. -----

Receipt : NA

Requested Test : CBC, LFT, KFT, URAC, HBSAG, HCV, (HBAIC - HPLC), HB

Investigation	Observed Values	Units	Biological Ref. Interval
<u>HAEMATOTOLOGY</u>			
Complete Blood Count			
Haemoglobin	9.9	g/dL	13 - 17
Total Leucocyte Count (TLC)	5300	cells/mm ³	4000 - 11000
Differential % Leucocyte Counts:			
Segmented Neutrophils	70	%	40 - 80
Lymphocytes	25	%	20 - 40
Eosinophils	03	%	1 - 6
Monophils	02	%	2-10
Bosophils	00	%	
Platelet Count	84000	cells/mm ³	150000 - 450000
Total RBCs	3.36	million cells/mm ³	3.8 - 4.8
MCV (Mean Cell Volume)	89	fl.	80 - 100
MCH (Mean Corpus. Haemoglobin)	29.4	pg	27 - 32
MCHC (Mean Corpus. Hb Conc.)	33.1	g/dl	32 - 35
RDWA	59.7	fL	37 0-54 0
RDWR	12.4	%	11 5 - 14 5
PCV (Packed Cell Volume)	29.9	%	36 - 46
HB			
Haemoglobin (Hb%)	9.9	g/dL	13 - 17
<u>BIOCHEMISTRY</u>			
LIVER FUNCTION TEST			
Serum Bilirubin, Total	0.6	mg/dl.	0.2 - 1.0
Serum Bilirubin, Direct	0.2	mg/dl.	0- 0.4
Serum Bilirubin, Indirect	0.4	mg /dl.	0.2 - 0.7
Serum Proteins	5.6	gm/dL.	6.0 - 8.3
Serum Albumin	3.69	gm/dL.	3.5 - 5.0
Serum Globulins	1.91	gm/dL.	2.5 - 3.5
Serum A/G Ratio	1.93 : 1	Ratio	
SGOT	15.6	IU/L	Up to 40
SGPT	35.2	IU/L	UP TO 40

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Investigation	Observed Values	Units	Biological Ref. Interval
KIDNEY PANEL			
Serum Urea	115.9	mg/dL.	10-45
Serum Creatinine	6.0	mg/dL.	0.5-1.5
BUN	54.16		
Serum Uric Acid	qns	mg/dL.	3.4-7.0

SEROLOGY

HBsAg Rapid
(Immunochromatography)

NEGATIVE

HCV
HCV

NEGATIVE

Checked By :-
Lab Technician/Lab Pathologist

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Investigation	Observed Values	Units	Biological Ref. Interval
GLYCOSYLATED HAEMOGLOBIN A1c-AREA (HbA1C)	6.8	%	

Interpretation:

HbA1c %	Degree of glucose control
> 8	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
< 7	Goal
< 6	Non Diebetic Level

N.B :
In diabetes mellitus sugar (glucose) accumulates in blood stream beyond normal level. Measurement of blood / plasma glucose level (in fasting, "after meal" i.e. PP or random condition) reflect acute changes related to immediate past condition of the patient which may be affected by factor like duration of fasting or time of intake of food before fasting, dosages of anti diabetic drugs, mental conditions like stress, anxiety etc. It does not indicate the long-term aspects of diabetic control.
Glucose combines with hemoglobin (Hb) continuously and nearly irreversibly during life span of RBC (120 days), thus glycosylated Hb is proportional to mean plasma glucose level during the previous 2-3 months. HBA1C, a glycosylated Hb comprising 3% - 6% of the total Hb in