



UHID : OP:2024/005850  
 Name : Mr. GYANENDRA PRATAP SINGH Age : 49 Y , Sex - M  
 Patient Type : Normal Aadhaar No: 536976979068  
 Bill Date : 24/08/2024  
 Referred By. : MEDICINE DEPT.,  
 Collection Date/Time : 24/08/2024 10:25:25 AM Lab Refno : LB:2024/011955  
 Reporting Date/Time : 24/08/2024 11:24:49 AM

### HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
<b>CBC</b>			
<b>HAEMOGLOBIN(HB)</b> Method : CALORIMETRIC /CYNAMETH HAEMOGLOBIN	14.5	gm/dl	(M:13-17) (F:12-15)
<b>RBC COUNT</b> Method : FLOW CYTOMETRY	4.70*	million/cumm	(M) 4.5 - 5.5 (F) 3.8 - 4.8 (AT BIRTH) 5 - 7 ( 1 YR) 3.9 - 5.1 (2 - 12 YR) 4.0 - 5.2
<b>HCT</b> Method : CALCULATED	<b>41.1</b>	%	M :45 - 5% F: 41 - 5%
<b>MCV</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	87.5	fl	83-101 fl
<b>MCH</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	30.9	pg	27-32 pg
<b>MCHC</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	<b>35.3</b>	gm/dl	31.5 - 34.5 gm
<b>TOTAL LEUKOCYTE COUNT (TLC) (1390)</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL Sample Type : Whole Blood (K2 EDTA WB)			
TOTAL LEUKOCYTE COUNT (TLC)	7800	/cmm	Adult (4000-10000) At birth (10000-26000) 1 Year (6000-16000) 2-7 years (6000-15000) 6-12Years (5000-13500)
<b>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</b> Method : MANUAL / MICROSCOPIC Sample Type : Whole Blood (K2 EDTA WB)			
POLYMORPHS	66	%	40-70



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### HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
LYMPHOCYTES	26	%	20-40
MONOCYTES	02	%	2-10
EOSINOPHILS	06	%	1-6
BASOPHILS	00	%	1-2
<b>PLATELET COUNT</b>	1,90,000	/cumm	1.5 - 4.5 Lacs
Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL			New Born 1 - 4.50 Lacs
Sample Type : Whole Blood (K2 EDTA WB)			

BLOOD GROUPING "B"  
RH TYPING Positive (as per sample collection)

### **MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP-**

#### **URIC ACID (URINE)**

Method : URICASE METHOD

URIC ACID **5.9** **MG** (M/F) 800 - 1000

**Machines Used:** HAEMAT ANALYSER, Mindray BC 5150, Rayto 240, Fully Automated  
**Checked By:** Shweta Awasthi



\* Indicates Critical Values. ■ Indicates Out of TAT.  
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 Reporting Date/Time : 24/08/2024 12:45:57 PM

### BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
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#### LFT (PROFILE)

##### BILIRUBIN (TOTAL)

Method : JENDRASSIK MODIFIED METHOD

Sample Type : SERUM

0.77 mg/dl Upto 1.0

##### BILIRUBIN DIRECT

Method : JENDRASSIK MODIFIED METHOD

Sample Type : SERUM

0.24 mg/dl Upto 0.25

##### BILIRUBIN INDIRECT

Method : JENDRASSIK MODIFIED METHOD

BILIRUBIN INDIRECT (SERUM)

0.53 mg/dl 0.2 - 0.8

##### SGPT (ALT)

Method : IFCC METHOD

Sample Type : SERUM

SGPT

33.0 IU/L Upto 49

##### SGOT (AST)

Method : IFCC METHOD

Sample Type : SERUM

SGOT

27.0 IU/L Men - Upto 46  
Women - Upto 40

##### ALKALINE PHOSPHATASE (ALP)

Method : UV KINETIC

Sample Type : SERUM

ALKALINE PHOSPHATASE

138.0 U/L ADULT(>15Years) : 110-310 U/L  
CHILD(<15Years) : 270-810 U/L

##### PROTEIN(TOTAL)

Method : Biuret method

Sample Type : SERUM

PROTEIN(TOTAL)\*

7.8 gm/dl 6.0 - 8.5

##### ALBUMIN(1461)

Method : BROMOCRESOL METHOD

Sample Type : SERUM

ALBUMIN

4.2 gm/dl 3.2 - 5.5

#### LIPID (PROFILE)

##### CHOLESTROL(TOTAL) (SERUM)

Method : ENZYMATIC METHOD

Sample Type : SERUM

CHOLESTROL(TOTAL)

198.0 mg/dl Normal < 200  
Borderline high 200 - 239  
High >240



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### BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
<b>HDL (SERUM)</b> Method : DIRECT HOMOGENEOUS METHOD Sample Type : SERUM	49.0	mg/dl	Men - 35 - 55 Women - 45 - 65
<b>LDL (SERUM)</b> Method : DIRECT HOMOGENEOUS METHOD Sample Type : SERUM	113.0	mg/dl	<100
<b>VLDL (SERUM)</b> Method : CALCULATED Sample Type : SERUM			
VLDL (SERUM)*	36.0	mg/dl	10-40 mg/dl
<b>TRIGLYCERIDES (SERUM)</b> Method : ENZYMATIC METHOD Sample Type : SERUM			
TRIGLYCERIDES	<b>181.0</b>	<b>mg/dl</b>	Upto 170
<b>MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP- BLOOD SUGAR FASTING</b> Method : GOD-POD METHOD Sample Type : Flouride Plasma	86.0	mg/dl	70-110
<b>RFT (PROFILE)</b>			
<b>BUN (BLOOD UREA NITROGEN)</b> Method : UV KINETIC Sample Type : SERUM			
BUN	10.3	mg/dl	6 - 21
<b>CREATININE</b> Method : JAFFE KINETIC METHOD Sample Type : SERUM	0.70	mg/dl	0.5 - 1.4
<b>SODIUM (NA+)</b> Method : I.S.E. Sample Type : SERUM			
SODIUM (NA+)	138.7	mmol/L	136 - 146

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### BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
<b>POTASSIUM (K+)</b> Method : I.S.E. Sample Type : SERUM	4.09	mmol/L	3.5 - 5.5

**Machines Used:** AUTO - ANALYSER OPTIMA - 1, HDC  
Lyte Semi Autometed, Rayto 240, Fully  
Autometed, SEMI AUTO - ANALYZER  
**Checked By:** Shweta Awasthi



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Bill Date : 24/08/2024  
Referred By. : MEDICINE DEPT.,  
Collection Date/Time : 24/08/2024 10:25:41 AM Lab Refno : LB:2024/011959  
Reporting Date/Time : 24/08/2024 1:18:38 PM

**BIO - CHEMISTRY Report**

Test Name	Results	Units	Bio.Ref.Interval
HbA1c (Glycosylated Hemoglobin)	6.1	%	Blood @ (HPLC)
<b>Interpretation</b> As per American Diabetes Association (ADA)			
<b>Reference Group</b>	<b>HbA1c in %</b>		
Non diabetic adults >=18 years	4.0 - 6.0		
At risk	>=6.0 to <= 6.5		
Diagnosing Diabetes	> 6.5		
Therapeutic goals for glycemc Control	Age > 19 years Goal of therapy: <7.0 Action suggested: >8.0		
	Age < 19 years Goal of therapy: <7.5		
<b>Note:</b> 1.Since HbA1c reflects long term fluctuations in the blood glucose concentration,a diabetic patient who is recently under good control may still have a high concentration of HbA1c.Converse is true for a diabetic previously under good control but now poorly			



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### BIO - CHEMISTRY Report

controlled.

2. Target goals of <7.0% may be beneficial in patients with short

duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications

of diabetes, limited life expectancy or extensive co-morbid conditions

targeting a goal of <7.0% may not be appropriate.

#### Comments

HbA1c provides an index of average blood glucose levels over the past

8-12 weeks and is a much better indicator of long term glycemic control

as compared to blood and urinary glucose determinations.

**ADA criteria for correlation between HbA1c & Mean plasma glucose levels**

HbA1c (%)	Mean Plasma Glucose (mg/dl)
6	126
7	154
8	183
9	212
10	240
11	269
12	298

Machines Used: AUTO - ANALYSER OPTIMA - 1

Checked By: Shweta Awasthi



DR. ANKITA KATARA  
RANDEY  
MS, PATHOLOGY

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 Bill Date : 24/08/2024  
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 Collection Date/Time : 24/08/2024 10:25:44 AM Lab Refno : LB:2024/011960  
 Reporting Date/Time : 24/08/2024 1:07:58 PM

### HORMONE Report

Sl.No.	Test	Result	Reference Values
THYROID PROFILE ( TOTAL T3, T4 & TSH)			
Sample Type : Serum			
1.	TOTAL T3 (TRIIODOTYRONINE)	1.53	0.92-2.33 nmol/l
2.	TOTAL T4 (TYROXINE)	98.59	60-120 nmol/l
3.	TSH (THYROID STIMULATING HORMONE)	2.69	Euthyroid 0.25-5 uIU/ml Hyperthyroid <0.15 uIU/ml Hypothyroid >7.0 uIU/m

**Comments: INTERPRETATION (AS PER KIT INSERT)**

Serum T3, T4 & TSH measurements from three components of Thyroid screening panel, useful in diagnosing various disorders of Gland function.

**Thyroid**

1. Primary HypoThyroidism is accompanied by depressed serum T values and elevated serum TSH level 3 & T4
2. Primary Hyper Thyroidism is accompanied by elevated serum T levels along with depressed TSH values 3 & T4
3. Normal T4 levels are accompanied by increased T3 in patient T3 Thyrotoxicosis with
4. Slightly elevated T3 levels may be found in pregnancy and estherapy, while depressed levels may be encountered in severe illness, renal failure and during therapy with drugs like propranolol, thioamides and
5. Although elevated TSH levels are nearly always indicative of hypothyroidism, and may be seen in secondary thyrotoxicosis.

REMARKS: Normal/Reference ranges given are as per kit literature. Correlation is advised. Clinical

Note:- Maximum reading in our instrument is 100. In case of reading greater than 100, instrument given result with greater than (>) sign.

Machines Used: VIDAS / MINI VIDAS

Checked By: Shweta Awasthi



DR. ANKITA KATARIA PANDEY  
MD, PATHOLOGY

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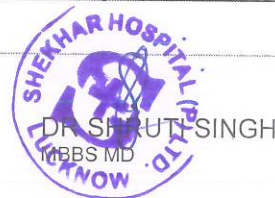
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Reporting Date/Time : 24/08/2024 3:11:57 PM

### CLINICAL PATHOLOGY Report

Sample Type : Urine

<u>TEST VALUE</u>	<u>VALUE</u>	<u>UNIT</u>	<u>NORMAL</u>
<b>PHYSICAL EXAMINATION</b>			
APPEARANCE	CLEAR		CLEAR
COLOUR	LIGHT YELLOW		ALE
PH	6.0 (ACIDIC)		4.8-7.4
SPECIFIC GRAVITY	1.015		1.010-
1.022			
<b>CHEMICAL EXAMINATION</b>			
ALBUMIN	NIL		NEGATIVE
GLUCOSE	NIL		NEGATIVE
BLOOD	NIL		NEGATIVE
LEUCOCYTE ESTERASE	NIL		NEGATIVE
NITRITE	NIL		NEGATIVE
<b>MICROSCOPIC EXAMINATION</b>			
RBCs	NIL	/HPF	0-5
DYSMORPHIC RBCs	ABSENT		
PUS CELLS	NIL	/HPF	0-5
EPITHELIAL CELLS	NIL	/HPF	<5
CASTS	NIL		ABS
CRYSTALS	NIL		ABS
BACTERIA	NIL		ABS
OTHERS	NIL		ABS

Checked By: SATYAM PATHAK



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Page - 1

End of Report