



UHID : OP:2024/006154  
 Name : Mr. SUJIT KUMAR PANDEY Age : 39 Y , Sex - M  
 Patient Type : Normal Aadhaar No:  
 Bill Date : 31/08/2024  
 Referred By. : MEDICINE DEPT.,  
 Collection Date/Time : 31/08/2024 9:15:20 AM Lab Refno : LB:2024/012749  
 Reporting Date/Time : 31/08/2024 12:00:50 PM

## HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
<b>CBC</b>			
<b>HAEMOGLOBIN(HB)</b> Method : CALORIMETRIC /CYNAMETH HAEMOGLOBIN	15.5	gm/dl	(M:13-17) (F:12-15)
<b>RBC COUNT</b> Method : FLOW CYTOMETRY	5.32*	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	<u>29.0</u>	%	M :45 - 5% F: 41 - 5%
<b>MCV</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	<u>82.3</u>	fl	83-101 fl
<b>MCH</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	<u>35.3</u>	pg	27-32 pg
<b>MCHC</b> Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	<u>82.3</u>	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)	8000	/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	60	%	40-70



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## HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
LYMPHOCYTES	34	%	20-40
MONOCYTES	03	%	2-10
EOSINOPHILS	03	%	1-6
BASOPHILS	00	%	1-2
<b>PLATELET COUNT</b>	2,20,000	/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-

#### ESR - WINTROBE

Sample Type : Whole Blood (K2 EDTA WB)

ESR (WHOLE BLOOD) 10 MM / FIRST HOUR (M) 0 -10 (F) 0 - 20

#### URIC ACID (URINE)

Method : URICASE METHOD

URIC ACID **5.5** 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.

Report printed by : PRIYAM MISHRA Printed on : 04/09/2024 - 15:36:50



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 Reporting Date/Time : 31/08/2024 10:42:35 AM

### BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
<b>LFT (PROFILE)</b>			
<b>BILIRUBIN (TOTAL)</b> Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	<b>1.50</b>	<b>mg/dl</b>	Upto 1.0
<b>BILIRUBIN DIRECT</b> Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	<b>0.69</b>	<b>mg/dl</b>	Upto 0.25
<b>BILIRUBIN INDIRECT</b> Method : JENDRASSIK MODIFIED METHOD BILIRUBIN INDIRECT (SERUM)	<b>0.81</b>	<b>mg/dl</b>	0.2 - 0.8
<b>SGPT (ALT)</b> Method : IFCC METHOD Sample Type : SERUM			
SGPT	37.0	IU/L	Upto 49
<b>SGOT (AST)</b> Method : IFCC METHOD Sample Type : SERUM			
SGOT	24.0	IU/L	Men - Upto 46 Women - Upto 40
<b>ALKALINE PHOSPHATASE (ALP)</b> Method : UV KINETIC Sample Type : SERUM			
ALKALINE PHOSPHATASE	149.0	U/L	ADULT(>15Years) : 110-310 U/L CHILD(<15Years) : 270-810 U/L
<b>PROTEIN(TOTAL)</b> Method : Biuret method Sample Type : SERUM			
PROTEIN(TOTAL)*	7.6	gm/dl	6.0 - 8.5
<b>ALBUMIN(1461)</b> Method : BROMOCRESOL METHOD Sample Type : SERUM			
ALBUMIN	4.4	gm/dl	3.2 - 5.5
<b>LIPID (PROFILE)</b>			
<b>CHOLESTROL(TOTAL) (SERUM)</b> Method : ENZYMATIC METHOD Sample Type : SERUM			
CHOLESTROL(TOTAL)	193.0	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 HOMOGENOUS METHOD Sample Type : SERUM	47.0	mg/dl	Men - 35 - 55 Women - 45 - 65
<b>LDL (SERUM)</b> Method : DIRECT HOMOGENOUS METHOD Sample Type : SERUM	111.0	mg/dl	<100
<b>VLDL (SERUM)</b> Method : CALCULATED Sample Type : SERUM			
VLDL (SERUM)*	35.0	mg/dl	10-40 mg/dl
<b>TRIGLYCERIDES (SERUM)</b> Method : ENZYMATIC METHOD Sample Type : SERUM			
TRIGLYCERIDES	<b>176.0</b>	mg/dl	Upto 170
<b>MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP- BLOOD SUGAR FASTING</b>			
Method : GOD-POD METHOD Sample Type : Flouride Plasma	<b>155.0</b>	mg/dl	70-110
<b>RFT (PROFILE)</b>			
<b>BUN (BLOOD UREA NITROGEN)</b> Method : UV KINETIC Sample Type : SERUM			
BUN	13.4	mg/dl	6 - 21
<b>CREATININE</b> Method : JAFFE KINETIC METHOD Sample Type : SERUM	0.66	mg/dl	0.5 - 1.4
<b>SODIUM (NA+)</b> Method : I.S.E. Sample Type : SERUM			
SODIUM (NA+)	134.2	mmol/L	136 - 146



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**BIO - CHEMISTRY Report**

Test Description	Result	Unit	Biological Reference Interval
<b>POTASSIUM (K<sup>+</sup>)</b> Method : I.S.E. Sample Type : SERUM	4.02	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



DR. SABUJI SINGH  
MBBS MD

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Bill Date : 31/08/2024  
Referred By. : MEDICINE DEPT.,  
Collection : 31/08/2024 9:15:45 AM Lab Refno : LB:2024/012752  
Date/Time :  
Reporting Date/Time : 31/08/2024 10:42:59 AM

**BIO - CHEMISTRY Report**

Test Name	Results	Units	Bio.Ref.Interval
<b>HbA1c</b> (Glycosylated Hemoglobin)	7.9	%	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 glycemic 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.

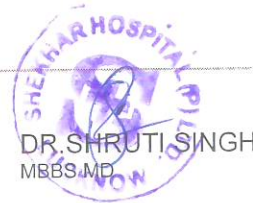
#### Comments

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



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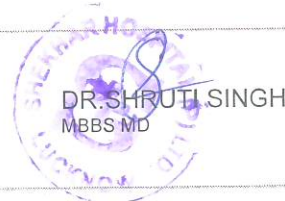


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 Reporting Date/Time : 31/08/2024 10:48:31 AM

**HORMONE Report**

Sl.No.	Test	Result	Reference Values
THYROID PROFILE ( TOTAL T3, T4 & TSH)			
Sample Type : Serum			
1.	TOTAL T3 (TRIIODOTYRONINE)	1.80	0.92-2.33 nmol/l
2.	TOTAL T4 (TYROXINE)	111.21	60-120 nmol/l
3.	TSH (THYROID STIMULATING HORMONE)	1.68	Euthyroid 0.25-5 uIU/ml Hyperthyroid <0.15 uIU/ml Hypothyroid >7.0 uIU/m
<b>Comments: INTERPRETATION (AS PER KIT INSERT)</b>			
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 & T4			
.2. Primary Hyper Thyroidism is accompanied by elevated serum T levels along with depressed TSH values & 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 and thioamides			
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







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 Collection : 31/08/2024 9:15:29 AM Lab Refno : LB:2024/012751  
 Date/Time : 31/08/2024 3:05:16 PM ■  
 Reporting Date/Time : 31/08/2024 3:05:16 PM ■

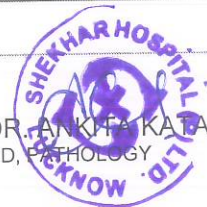
## CLINICAL PATHOLOGY Report

**Sample Type : Urine**

<u>TEST</u>	<u>VALUE</u>	<u>UNIT</u>	<u>NORMAL</u>
<b>PHYSICAL EXAMINATION</b>			
APPEARANCE	CLEAR		CLEAR
COLOUR	LIGHT YELLOW		PALE
PH	6.0 (ACIDIC)		4.8-7.4
SPECIFIC GRAVITY	1.015		1.010-
1.022			
<b>CHEMICAL EXAMINATION</b>			
ALBUMIN	NIL		NEGATIVE
GLUCOSE	++++		NEGATIVE
BLOOD	NIL		NEGATIVE
LEUCOCYTE ESTERASE	+		NEGATIVE
NITRITE	NIL		NEGATIVE
<b>MICROSCOPIC EXAMINATION</b>			
RBCs	NIL	/HPF	0-5
DYSMORPHIC RBCs	ABSENT		
PUS CELLS	5-6	/HPF	0-5
EPITHELIAL CELLS	0-1	/HPF	<5
CASTS	NIL		ABS
CRYSTALS	NIL		ABS
BACTERIA	NIL		ABS
OTHERS	FUNGAL HYPHAE SEEN		

Checked By: SATYAM PATHAK

DR. ANKITA KATARA PANDEY  
 MD, PATHOLOGY



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End of Report