

**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mr. AJAY	<b>Bill Date</b> : 13/04/2024
<b>MR No</b> : 39106	<b>Reporting Date</b> : 13/04/2024
<b>Age/Sex</b> : 31 Years / Male	<b>Sample ID</b> : 207748
<b>Type</b> : OPD	<b>Bill/Req. No.</b> : 24391071
<b>TPA/Corporate</b> : MEDIWHEEL	<b>Ref Doctor</b> : Dr. Pulkit Sharma
<b>IP No.</b> :	

Test	Result	Bio. Ref. Interval	Units
<b>BLOOD GLUCOSE FASTING AND PP</b>			
PLASMA GLUCOSE(FASTING)	109	70 - 110	mg/dl
PLASMA POST-GLUCOSE	106	80 - 150	mg/dL

**BLOOD GROUP**

BLOOD GROUP " O " RH POSITIVE

**COMPLETE HAEMOGRAM**

<b>CBC</b>			
HAEMOGLOBIN	16.2	12.0 - 16.5	g/dL
TOTAL LEUCOCYTE COUNT	9200	4000 - 11000	/cumm
RED BLOOD CELL COUNT	5.01	4.0 - 6.0	millions/cumm
PCV (HAEMATOCRIT)	51.6	40.0 - 54.0	%
MEAN CORPUSCULAR VOLUME	<b>101.0</b>	78 - 98	fL
MEAN CORPUSCULAR HAEMOGLOBIN	32.3	26.5 - 32.5	Picogrames
MEAN CORPUSCULAR HB CONC	<b>31.4</b>	32 - 37	g/dL
PLATELET COUNT	3.38	1.50 - 4.50	Lakh/cumm
NEUTROPHILS	48	40 - 73.0	%
LYMPHOCYTES	<b>43</b>	20 - 40	%
EOSINOPHILS	01	0.0 - 6.0	%
MONOCYTES	08	2.0 - 10.0	%
BASOPHILS	00	0.0 - 1.0	%
ABSOLUTE NEUTROPHIL	4416	2000 - 7000	cells/cumm
ABSOLUTE LYMPHOCYTE	<b>3956</b>	1000 - 3000	cells/cumm
ABSOLUTE EOSINOPHIL	92	20 - 500	cells/cumm
ABSOLUTE MONOCYTES	736	200 - 1000	cells/cumm
ABSOLUTE BASOPHILS	<b>0</b>	20 - 100	cells/cumm

Checked By :

Dr. Pradip Kumar  
(Consultant Microbiologist)

Dr. Nisha Rana  
(Consultant Pathologist)

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Test	Result	Bio. Ref. Interval	Units
RDW-CV	12.6	11.5 - 14.5	%
E.S.R.	12	0 - 15	mm/hr

### HBA1C

HBA1C	5.5		%
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**Note :** HBA1c result is suggestive of Diabetes/ higher than glycemic goal in a known Diabetic patient.  
Please note, glycemic goal should be individualized based on duration of diabetes, age/life expectancy, comorbid conditions, known CVD or advanced microvascular complications, hypoglycaemia unawareness, and individual patient considerations.  
Please Correlate Clinically.

### KFT(KIDNEY FUNCTION TEST)/RFT/Renal Profile

SERUM UREA	28	13.0 - 45.0	mg/dL
SERUM CREATININE	1.0	0.5 - 1.4	mg/dL
SERUM URIC ACID	5.6	3.6 - 7.2	mg/dL
SERUM SODIUM	137	130 - 149	mmol/L
SERUM POTASSIUM	4.4	3.5 - 5.5	mmol/L

### LFT(LIVER FUNCTION TEST)

TOTAL BILIRUBIN	1.0	0.1 - 1.2	mg/dL
DIRECT BILIRUBIN	0.3	0.00 - 0.30	mg/dL
INDIRECT BILIRUBIN	0.7	Adult: 0 - 0.8	mg/dL
SGOT (AST)	<b>90</b> H	0.0 - 45	IU/L
SGPT (ALT)	<b>198</b> H	00 - 45.00	IU/L
ALP	94	41 - 137	U/L
TOTAL PROTEINS	8.0	6.0 - 8.2	g/dL

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<b>IP No.</b> :			

Test	Result	Bio. Ref. Interval	Units
ALBUMIN	4.2	3.20 - 5.00	g/dL
GLOBULIN	<b>3.8</b> <i>H</i>	2.0 - 3.50	g/dL
A/G RATIO	1.11		

**LIPID PROFILE**

LIPID PROFILE			
SERUM CHOLESTROL	179	0 - 200	mg/dl
SERUM TRIGLYCERIDES	<b>170</b> <i>H</i>	Up to 150	mg/dl
HDL CHOLESTEROL	39	30 - 60	mg/dl
VLDL CHOLESTEROL	34	*Less than 30	mg/dL
LDL CHOLESTEROL	106	Optimal <100, Above Opt. 100-129 -high 160-189	mg/dl
LDL CHOLESTEROL/HDL RATIO	2.72	Desirable Level : 0.5 - 3.0 Borderline Risk : 3.0 - 6.0 High Risk : > 6.0	

**URINE ROUTINE EXAMINATION**

PHYSICAL EXAMINATION			
VOLUME	20		ml
COLOUR	Yellow	Pale Yellow	
APPEARANCE	Clear	Clear	
CHEMICAL EXAMINATION			
REACTION	Acidic		
BLOOD	NIL		
ALBUMIN	Traces	NIL	
GLUCOSE	NIL	NIL	
MICROSCOPIC EXAMINATION			
PUS CELL	2-3	2-4	/HPF
EPITHELIAL CELLS	1-2	2-4	/HPF
RED BLOOD CELLS	Nil	NIL	/HPF

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**IP No.** :  
**Bill Date** : 13/04/2024  
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**Sample ID** : 207789  
**Bill/Req. No.** : 24391071  
**Ref Doctor** : Dr. Pulkit Sharma

Test	Result	Bio. Ref. Interval	Units
CASTS	NIL	NIL	
CRYSTALS	NIL	NIL	

**Note** : Albumin test positive by Multistrip Method is confirmed by Sulphosalicylic acid method.

\*\*\*\*\* END OF THE REPORT \*\*\*\*\*

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<b>Lab No.</b>	012404130774	<b>Age/Gender</b>	31 YRS/MALE	<b>Coll. On</b>	13/Apr/2024 06:11PM
<b>Name</b>	Mr. AJAY 39106	<b>BarcodeNo</b>	01130774	<b>Reg. On</b>	13/Apr/2024
<b>Ref. Dr.</b>				<b>Approved On</b>	13/Apr/2024 07:41PM
<b>Rpt. Centre</b>	HEALPLUS LABS PRIVATE LIMITED			<b>Printed On</b>	23/Apr/2024 04:49PM

Test Name	Value	Unit	Biological Reference Interval
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**Thyroid profile, Total (T3,T4,TSH)**

T3 (Triiodothyronine) , serum <i>Method : ECLIA</i>	1.44	ng/mL	0.80 - 2.0
T4 (Thyroxine) , serum <i>Method : ECLIA</i>	8.03	ug/dL	5.1 - 14.1
TSH (Thyroid Stimulating Hormone) , serum <i>Method : ECLIA</i>	0.89	uIU/ml	0.27 - 4.2

**Interpretation:**

- Primary hyperthyroidism is accompanied by elevated serum T3 and T4 values alongwith depressed TSH levels
- Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH levels.
- High T3 levels coupled with normal T4 and suppressed TSH may be seen in T3 toxicosis.

**Note:** Total T3 and total T4 are highly bound to plasma proteins and are amenable to fluctuations with plasma protein content as well as due to binding defects in the thyroid hormone binding proteins.

**The following ranges are recommended for pregnant females:**

Gestation period	TSH (uIU/ml)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0

\*Disclaimer: This is an electronically validated report. If any discrepancy is found, it should be confirmed by the user.  
Processing Centre : Prognosis Laboratories,515-516, Sector-19, Dwarka, Behind Gupta Properties.

\*\*\* End Of Report \*\*\*



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Page 1 of 1