



**LABORATORY REPORT**



Name : <b>Mr ANKITKUMAR GUPTA</b>	Sex/Age : <b>Male / 31 Years</b>	Case ID : <b>40208001148</b>
Ref. By : <b>Mediwheel Full Body Health Checkup</b> Male Below 40	Dis. At :	Pt. ID :
Bill. Loc. : <b>Health packages</b>		Pt. Loc. :
Reg Date and Time : <b>24-Feb-2024 08:34</b>	Sample Type : <b>Whole Blood EDTA</b>	Mobile No. :
Sample Date and Time : <b>24-Feb-2024 08:34</b>	Sample Coll. By : <b>non</b>	Ref Id1 :
Report Date and Time : <b>24-Feb-2024 10:19</b>	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF. INTERVAL	REMARKS
------	---------	------	--------------------------	---------

**HAEMOGRAM REPORT**

HB AND INDICES

Haemoglobin	13.0	G%	13.00 - 17.00
RBC (Electrical Impedance)	H 6.53	millions/cumm	4.50 - 5.50
PCV(Calc)	42.84	%	40.00 - 50.00
MCV (RBC histogram)	L 65.6	fL	83.00 - 101.00
MCH (Calc)	L 20.0	pg	27.00 - 32.00
MCHC (Calc)	L 30.5	gm/dL	31.50 - 34.50
RDW (RBC histogram)	13.50	%	11.00 - 16.00

TOTAL AND DIFFERENTIAL WBC COUNT

Total WBC Count	7090	/μL	4000.00 - 10000.00
<b>Neutrophil</b>	[%] 53	%	EXPECTED VALUES 40.00 - 70.00 [Abs] 3758
<b>Lymphocyte</b>	38	%	20.00 - 40.00 2694
<b>Eosinophil</b>	02	%	1.00 - 6.00 142
<b>Monocytes</b>	07	%	2.00 - 10.00 496
<b>Basophil</b>	00	%	0.00 - 2.00 0

PLATELET COUNT

Platelet Count	155000	/μL	150000.00 - 410000.00
MPV	H 14.10	fL	6.5 - 12
PDW	15.5		9 - 16

Method:  
 TLC-SF cube technology(Flow Cytometry+ fluorescence),  
 DC by microscopy,  
 Platelet count by electrical impedance+/-SF cube technology

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

*Shweta Patel*  
**Dr. Shweta Patel**  
 Consultant Pathologist

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : <b>Mr ANKITKUMAR GUPTA</b>	Sex/Age : <b>Male / 31 Years</b>	Case ID : <b>40208001148</b>
Ref. By : <b>Mediwheel Full Body Health Checkup Male Below 40</b>	Dis. At :	Pt. ID :
Bill. Loc. : <b>Health packages</b>		Pt. Loc :
Reg Date and Time : <b>24-Feb-2024 08:34</b>	Sample Type : <b>Whole Blood EDTA</b>	Mobile No. :
Sample Date and Time : <b>24-Feb-2024 08:34</b>	Sample Coll. By : <b>non</b>	Ref Id1 :
Report Date and Time : <b>24-Feb-2024 12:22</b>	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
------	---------	------	----------------------	---------

**HAEMATOLOGY INVESTIGATIONS**

<b>ESR</b> <i>Westergren Method</i>	<b>08</b>		<b>mm after 1hr</b>	<b>3 - 15</b>
--	-----------	--	---------------------	---------------

**BLOOD GROUP AND RH TYPING (Erythrocyte Magnetized Technology)  
(Both Forward and Reverse Group )**

<b>ABO Type</b>	<b>B</b>
<b>Rh Type</b>	<b>POSITIVE</b>

Note: (LL-VeryLow, L-Low, H-High, HH-VeryHigh ,A-Abnormal)

*Shweta Patel*  
**Dr. Shweta Patel**  
 Consultant Pathologist  
 Page 2 of 9

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : **Mr ANKITKUMAR GUPTA** Sex/Age : **Male / 31 Years** Case ID : **40208001148**  
 Ref. By : **Mediwheel Full Body Health Checkup Male Below 40** Dis. At : Pt. ID :  
 Bill. Loc. : **Health packages** Pt. Loc. :

Reg Date and Time : **24-Feb-2024 08:34** Sample Type : **Plasma Fluoride F, Plasma Fluoride PP, Whole Blood EDTA** Mobile No. :  
 Sample Date and Time : **24-Feb-2024 08:34** Sample Coll. By : **non** Ref Id1 :  
 Report Date and Time : **24-Feb-2024 11:15** Acc. Remarks : Ref Id2 :  
**TEST RESULTS UNIT BIOLOGICAL REF RANGE REMARKS**

<b>Plasma Glucose - F</b> <i>Photometric, Hexokinase</i>	H	<b>102.81</b>	mg/dL	70 - 100	FUS: NIL
<b>Plasma Glucose --PP</b> <i>Photometric, Hexokinase</i>	H	<b>148.64</b>	mg/dL	70 - 140	PPUS: NIL

**Glycated Haemoglobin Estimation**

<b>HbA1C</b> <i>Immunoturbidimetric</i>	<b>5.4</b>	% of total Hb	<5.7: Normal 5.7-6.4: Prediabetes ≥6.5: Diabetes
<b>Estimated Avg Glucose (3 Mths)</b> <i>Calculated</i>	<b>108.28</b>	mg/dL	Not available

Please Note change in reference range as per ADA 2021 guidelines.

**Interpretation :**

HbA1C level reflects the mean glucose concentration over previous 8-12 weeks and provides better indication of long term glycemic control.  
 Levels of HbA1C may be low as result of shortened RBC life span in case of hemolytic anemia.  
 Increased HbA1C values may be found in patients with polycythemia or post splenectomy patients.  
 Patients with Homozygous forms of rare variant Hb(CC,SS,EE,SC) HbA1c can not be quantitated as there is no HbA.  
 In such circumstances glycemic control can be monitored using plasma glucose levels or serum Fructosamine.  
 The A1c target should be individualized based on numerous factors, such as age, life expectancy, comorbid conditions, duration of diabetes, risk of hypoglycemia or adverse consequences from hypoglycemia, patient motivation and adherence.

Note: (LL-VeryLow, L-Low, H-High, HH-VeryHigh ,A-Abnormal)

**Dr. Shweta Patel**  
 Consultant Pathologist  
 Page 3 of 9

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : <b>Mr ANKITKUMAR GUPTA</b>	Sex/Age : <b>Male / 31 Years</b>	Case ID : <b>40208001148</b>
Ref. By : <b>Mediwheel Full Body Health Checkup Male Below 40</b>	Dis. At :	Pt. ID :
Bill. Loc. : <b>Health packages</b>		Pt. Loc. :
Reg Date and Time : <b>24-Feb-2024 08:34</b>	Sample Type : <b>Serum</b>	Mobile No. :
Sample Date and Time : <b>24-Feb-2024 08:34</b>	Sample Coll. By : <b>non</b>	Ref Id1 :
Report Date and Time : <b>24-Feb-2024 10:56</b>	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
------	---------	------	----------------------	---------

**BIOCHEMICAL INVESTIGATIONS**

**Lipid Profile**

<b>Cholesterol</b> <i>Colorimetric, CHOD-POD</i>	<b>153.15</b>	mg/dL	110 - 200	
<b>HDL Cholesterol</b>	<b>L 29.0</b>	mg/dL	40 - 60	
<b>Triglyceride</b> <i>GPO-POD</i>	<b>114.40</b>	mg/dL	40 - 200	
<b>VLDL</b> <i>Calculated</i>	<b>22.88</b>	mg/dL	10 - 40	
<b>Chol/HDL</b> <i>Calculated</i>	<b>H 5.28</b>		0 - 4.1	
<b>LDL Cholesterol</b> <i>Calculated</i>	<b>H 101.27</b>	mg/dL	0.00 - 100.00	

**NEW ATP III GUIDELINES (MAY 2001). MODIFICATION OF NCEP.**

LDL CHOLESTEROL	CHOLESTEROL	HDL CHOLESTEROL	TRIGLYCERIDES
Optimal <100	Desirable <200	Low <40	Normal <150
Near Optimal 100-129	Border Line 200-239	High >60	Border High 150-199
Borderline 130-159	High >240		High 200-499
High 160-189			

- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
- For LDL Cholesterol level Please consider direct LDL value
- Risk assesment from HDL and Triglyceride has been revised. Also LDL goals have changed.
- Detail test interpretation available from the lab
- All tests are done according to NCEP guidelines and with FDA approved kits.
- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

**Dr. Shweta Patel**  
Consultant Pathologist

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : <b>Mr ANKITKUMAR GUPTA</b>	Sex/Age : <b>Male / 31 Years</b>	Case ID : <b>40208001148</b>
Ref. By : <b>Mediwheel Full Body Health Checkup Male Below 40</b>	Dis. At :	Pt. ID :
Bill. Loc. : <b>Health packages</b>		Pt. Loc. :
Reg Date and Time : <b>24-Feb-2024 08:34</b>	Sample Type : <b>Serum</b>	Mobile No. :
Sample Date and Time : <b>24-Feb-2024 08:34</b>	Sample Coll. By : <b>non</b>	Ref Id1 :
Report Date and Time : <b>24-Feb-2024 10:56</b>	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
------	---------	------	----------------------	---------

**BIOCHEMICAL INVESTIGATIONS**

**Liver Function Test**

<b>S.G.P.T.</b> <i>IFCC</i>	<b>31.88</b>	U/L	0 - 63	
<b>S.G.O.T.</b> <i>IFCC</i>	<b>25.70</b>	U/L	15 - 37	
<b>Alkaline Phosphatase</b> <i>Modified IFCC method</i>	<b>81.24</b>	U/L	40 - 150	
<b>Proteins (Total)</b> <i>Biuret</i>	<b>6.82</b>	g/dL	6.4 - 8.2	
<b>Albumin</b> <i>Bromo Cresol Green</i>	<b>4.04</b>	g/dL	3.4 - 5.0	
<b>Globulin</b> <i>Calculated</i>	<b>2.78</b>	gm/dL	2 - 4.1	
<b>A/G Ratio</b> <i>Calculated</i>	<b>1.5</b>		1.0 - 2.1	
<b>Bilirubin Total</b> <i>Diazotized Sulfanilic Acid Method</i>	<b>0.76</b>	mg/dL	0.2 - 1.0	
<b>Bilirubin Conjugated</b> <i>Diazotized Sulfanilic Acid Method</i>	<b>0.31</b>	mg/dL		
<b>Bilirubin Unconjugated</b> <i>Calculated</i>	<b>0.45</b>	mg/dL	0 - 0.8	

Note: (LL-VeryLow, L-Low, H-High, HH-VeryHigh, A-Abnormal)

*Shweta Patel*

**Dr. Shweta Patel**  
Consultant Pathologist

Page 5 of 9

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : <b>Mr ANKITKUMAR GUPTA</b>	Sex/Age : <b>Male / 31 Years</b>	Case ID : <b>40208001148</b>
Ref. By : <b>Mediwheel Full Body Health Checkup Male Below 40</b>	Dis. At. :	Pt. ID :
Bill. Loc. : <b>Health packages</b>		Pt. Loc. :
Reg Date and Time : <b>24-Feb-2024 08:34</b>	Sample Type : <b>Serum</b>	Mobile No. :
Sample Date and Time : <b>24-Feb-2024 08:34</b>	Sample Coll. By : <b>non</b>	Ref Id1 :
Report Date and Time : <b>24-Feb-2024 13:52</b>	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
------	---------	------	----------------------	---------

**BIOCHEMICAL INVESTIGATIONS**

**Renal Function Test**

<b>Urea</b> <i>Urease/GLDH</i>	L <b>17.05</b>	mg/dL	19.01 - 44.1	
<b>Creatinine</b> <i>Jaffe compensated</i>	L <b>0.68</b>	mg/dL	0.70 - 1.30	
<b>Uric Acid</b> <i>Uricase-Peroxidase method</i>	<b>6.38</b>	mg/dL	3.5 - 7.2	
<b>Sodium</b> <i>ISE</i>	<b>140.7</b>	mmol/L	136 - 145	
<b>Potassium</b> <i>ISE</i>	<b>4.37</b>	mmol/L	3.5 - 5.1	
<b>Chloride</b> <i>ISE</i>	<b>105.7</b>	mmol/L	98 - 107	
<b>Calcium</b> <i>Arsenazo III</i>	<b>10.1</b>	mg/dL	8.4 - 10.2	

Note (LL-VeryLow, L-Low, H-High, HH-VeryHigh ,A-Abnormal)

*SP*  
**Dr. Shweta Patel**  
Consultant Pathologist

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : Mr ANKITKUMAR GUPTA	Sex/Age : Male / 31 Years	Case ID : 40208001148
Ref. By : Mediwheel Full Body Health Checkup Male Below 40	Dis. At :	Pt. ID :
Bill. Loc. : Health packages		Pt. Loc :
Reg Date and Time : 24-Feb-2024 08:34	Sample Type : Serum	Mobile No. :
Sample Date and Time : 24-Feb-2024 08:34	Sample Coll. By : non	Ref Id1 :
Report Date and Time : 24-Feb-2024 11:15	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
------	---------	------	----------------------	---------

**BIOCHEMICAL INVESTIGATIONS**

**Thyroid Function Test**

<b>Triiodothyronine (T3)</b> <small>ECLIA</small>	<b>1.45</b>	ng/mL	0.70 - 2.04
<b>Thyroxine (T4)</b> <small>ECLIA</small>	<b>10.17</b>	µg/dL	4.6 - 10.5
<b>TSH</b> <small>ECLIA</small>	<b>1.210</b>	µIU/mL	0.40 - 4.20

**INTERPRETATIONS**

Useful for Monitoring patients on thyroid replacement therapy, Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine therapy, for Prediction of thyrotropin-releasing hormone-stimulated TSH response, as An aid in the diagnosis of primary hyperthyroidism, for Differential diagnosis of hypothyroidism.  
The ability to quantitate circulating levels of thyroid-stimulating hormone (TSH) is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low or normal. Concentrations of 5.1 mIU/ml to 7.0 mIU/ml are considered borderline hypothyroid

**CAUTIONS**

Sick, hospitalized patients may have falsely low or transiently elevated thyroid stimulating hormone. Some patients who have been exposed to animal antigens, either in the environment or as part of treatment or imaging procedure, may have circulating antianimal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

TSH ref range in Pregnancy	Reference range (microIU/ml)
First trimester	0.24 - 2.00
Second trimester	0.43-2.2
Third trimester	0.8-2.5

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

**Dr. Shweta Patel**

Consultant Pathologist

Page 7 of 9

Printed On : 24-Feb-2024 13:58



**LABORATORY REPORT**



Name : Mr ANKITKUMAR GUPTA	Sex/Age : Male / 31 Years	Case ID : 40208001148
Ref. By : Mediwheel Full Body Health Checkup Male Below 40	Dis. At :	Pt. ID :
Bill. Loc. : Health packages		Pt. Loc. :
Reg Date and Time : 24-Feb-2024 08:34	Sample Type : Spot Urine	Mobile No. :
Sample Date and Time : 24-Feb-2024 08:34	Sample Coll. By : non	Ref Id1 :
Report Date and Time : 24-Feb-2024 11:15	Acc. Remarks :	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
<b>URINE EXAMINATION (STRIP METHOD AND FLOWCYTOMETRY)</b>				

Physical examination

**Colour** Pale yellow  
**Transparency** Clear

Chemical Examination By Sysmex UC-3500

<b>Sp.Gravity</b>	<b>1.010</b>		1.003 - 1.035
<b>pH</b>	<b>6.0</b>		4.6 - 8
<b>Leucocytes (ESTERASE)</b>	<b>Negative</b>		Negative
<b>Protein</b>	<b>Negative</b>		Negative
<b>Glucose</b>	<b>Negative</b>		Negative
<b>Ketone Bodies Urine</b>	<b>Negative</b>		Negative
<b>Urobilinogen</b>	<b>Negative</b>		Negative
<b>Bilirubin</b>	<b>Negative</b>		Negative
<b>Blood</b>	<b>Negative</b>		Negative
<b>Nitrite</b>	<b>Negative</b>		Negative

Flowcytometric Examination By Sysmex UF-5000

<b>Leucocyte</b>	<b>Nil</b>	/HPF	Nil
<b>Red Blood Cell</b>	<b>Nil</b>	/HPF	Nil
<b>Epithelial Cell</b>	<b>3-5</b>	/HPF	Present(+)
<b>Bacteria</b>	<b>Nil</b>	/µL	Nil
<b>Yeast</b>	<b>Nil</b>	/µL	Nil
<b>Cast</b>	<b>Nil</b>	/LPF	Nil
<b>Crystals</b>	<b>Nil</b>	/HPF	Nil

Note: (LL-VeryLow, L-Low, H-High, HH-VeryHigh ,A-Abnormal)

**Dr. Shweta Patel**  
 Consultant Pathologist

Printed On : 24-Feb-2024 13:58





**LABORATORY REPORT**



Name : **Mr ANKITKUMAR GUPTA** Sex/Age : **Male / 31 Years** Case ID : **40208001148**  
 Ref. By : **Mediwheel Full Body Health Checkup Male Below 40** Dis. At : Pt. ID :  
 Bill. Loc. : **Health packages** Pt. Loc :

Reg Date and Time : **24-Feb-2024 08:34** Sample Type : **Spot Urine** Mobile No. :  
 Sample Date and Time : **24-Feb-2024 08:34** Sample Coll. By : **non** Ref Id1 :  
 Report Date and Time : **24-Feb-2024 11:15** Acc. Remarks : Ref Id2 :

Parameter	Unit	Expected value	Result/Notations				
			Trace	+	++	+++	++++
pH	-	4.6-8.0					
SG	-	1.003-1.035					
Protein	mg/dL	Negative (<10)	10	25	75	150	500
Glucose	mg/dL	Negative (<30)	30	50	100	300	1000
Bilirubin	mg/dL	Negative (0.2)	0.2	1	3	6	-
Ketone	mg/dL	Negative (<5)	5	15	50	150	-
Urobilinogen	mg/dL	Negative (<1)	1	4	8	12	-

Parameter	Unit	Expected value	Result/Notifications				
			Trace	+	++	+++	++++
Leukocytes (Strip)	/micro L	Negative (<10)	10	25	100	500	-
Nitrite(Strip)	-	Negative	-	-	-	-	-
Erythrocytes(Strip)	/micro L	Negative (<5)	10	25	50	150	250
Pus cells (Microscopic)	/hpf	<5	-	-	-	-	-
Red blood cells(Microscopic)	/hpf	<2	-	-	-	-	-
Cast (Microscopic)	/lpf	<2	-	-	-	-	-

**Pending Services**  
Stool Examination

----- End Of Report -----

# For test performed on specimens received or collected from non-NSRL locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender. NSRL will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh A-Abnormal)

*Shweta Patel*

**Dr. Shweta Patel**  
Consultant Pathologist

Printed On : 24-Feb-2024 13:58