

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	1.04	μIU/mL	0.3 - 4.5 1st trimester - 0.1 - 2.5μIU/mL 2nd trimester - 0.2 - 3μIU/mL 3rd trimester - 0.3 - 3μIU/mL
--	------	--------	--

**Clinical Significance :-**

1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

---

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



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	82	mg/dl	Normal : 70 - 99 mg/dl impaired Tolerance : 100 - 125mg/dl Diabetes Mellitus : >126 mg/dl
Technique :-	Fully Automated Biochemistry Analyser ERBA EM-200		

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**POST PRANDIAL BLOOD SUGAR**

Sample Type : Flouride PP

Post Prandial Blood Sugar [ GOD - POD ]	111.0	mg/dl	110-180
--	-------	-------	---------

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

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



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"A"

Rh Grouping

POSITIVE

**Note:**

These report is for information purpose only. Blood group needs to be reconfirmed at the time of cross matching for blood transfusion.

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL

[ CHOD-PAP ]

147

mg/dL

Desirable : &lt;200 mg/dl

Borderline : 200 - 239mg/dl

High : &gt;240 mg/dl

TRIGLYCERIDES

[ Glycerol Phosphate Oxidase ]

147.2

mg/dL

Desirable : &lt;150 mg/dl

Borderline : 150 - 199mg/dl

High : &gt;200mg/dl

HDL CHOLESTEROL [ Direct ]

**26.1**

mg/dL

Desirable : &gt;40 mg/dl

Borderline Risk : 35 mg/dl

High Risk : &lt;30 mg/dl

LDL CHOLESTEROL [ Calculated ]

91.46

mg/dL

Desirable : &lt;100 mg/dl

Borderline : 130 - 160mg/dl

High : &gt;160mg/dl

VLDL Cholesterol

[ Calculated ]

29.44

mg/dL

Desirable : &lt;26 mg/dl

Borderline : &gt;30 mg/dl

Total Chol / HDL Chol Ratio

[ Calculated ]

**5.63**

mg/dL

Desirable : &lt;5 %

LDL / HDL Ratio

[ Calculated ]

3.50

1.00 - 3.55

NON-HDL CHOLESTEROL

[ Calculated ]

120.90

mg/dL

Desirable : &lt;130 mg/dl

Borderline : 160 - 189 mg/dl

High : &gt;220 mg/dl

**Technique:**

Fully Automated Biochemistry Analyser ERBA EM-200.

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.0	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	<b>96.80</b>	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**URINE ANALYSE REPORT**

Sample Type : Urine

**PHYSICAL EXAMINATION**

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	5.0		4.8 - 7.6
SPECIFIC GRAVITY	1.025		1.010 - 1.030
ALBUMIN	Absent		
GLUCOSE	Absent		
BLOOD (U)	Absent		
BILE PIGMENTS	Negative		
BILE SALTS	Absent		
KETONE	Negative		
LEUKOCYTES	Absent		
NITRITE	Absent		
UROBILINOGEN	Negative		

**MICROSCOPY**

PUS CELLS/hpf	Occasional
RBCs/hpf	Absent
EPI.CELLS/hpf	2-4
CASTS	Absent
CRYSTALS	Absent
BACTERIA	Absent
Other	Absent

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	0.77	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.31	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.46	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	25.2	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	32.3	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	106	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	6.64	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.19	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	2.45	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.71		
GAMMA GT	24.6	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461



Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	7	mg/dl	3.6 - 7.7
---------------------------------------	---	-------	-----------

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
<b><u>CREATININE</u></b>			
Sample Type : Serum			
<b>Creatinine</b>	0.9	mg/dl	0.40 - 1.40
[ Enzymatic ]			
Estimated GFR	114.22	ml/min/1.73sq m	Normal: >90 Mild Decrease : 60-89 Mild Moderate Decrease : 45-59 Moderate to Severe Decrease : 30-44 Severe Decrease ; 15-29 Kidney Failure : <15
[ Calculated ]			
Formula	Estimated GFR Calculate By CKD-EPI Formula.		
Technique :-	Done On Fully Automated Biochemistry Analyser ERBA EM-200		

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	13.5	mg/dl	10 - 40
-------------	------	-------	---------

[ Urease - GLDH ]

<b>Bun</b>	6.30	mg/dl	6 - 21
------------	------	-------	--------

[ Calculated ]

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

\*\*END OF REPORT\*\*

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	13.5	g/dl	13.0 - 17.0
RBC COUNT	4.51	Millions/c	4.5 - 5.5
PCV(Hematocrit)	41.1	%	40.0 - 50.0
Mean Cell Volume(MCV) [ calculated ]	91.3	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH) [ calculated ]	29.9	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC) [ calculated ]	32.7	g/dl	32 - 36
RDW	<b>14.6</b>	%	11.50 - 14.50
Total Leucocytes (WBC) Count	8530	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	58.2	%	40 - 70
Lymphocytes	36.7	%	20 - 50
Eosionphils	1.6	%	01 - 06
Monocytes	2.8	%	00 - 08
Basophils [ calculated ]	0.7	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Adequate on Smear		
Platelet Count	<b>459000</b>	/cumm	150000 - 450000
MPV	8.3	fL	6.5 - 10.0

**Comments :-****Method:-**

HB:-Colorimetric, Total WBC:-Impedance/Flow Cytometry, HCT, MCV, MCH, MCHC, RDW-CV:-Calculate, Diff. Count: Flow Cytometry / Manual Stained Smear Microscopy, RBC: Impedance, Platelets : Impedance Method.

**Technique :-**

Fully Automated 5 part Diff. Cell Counter .

All Test Results are subjected to stringent international External and Internal Quality Control Protocols

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
	<u><b>ESR</b></u>		
Sample Type : EDTA / Whole Blood			
ESR	10	Mm/hr	0 - 15
Method	Westergren		

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	109.0	ng/ml	52 - 127
------------------------------------	-------	-------	----------

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

Patient Name : **MR. GUPTA SUNNY KUMAR**  
Patient ID : 47848  
Age / Sex : 35 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 95815

Collected : Mar 09, 2024, 08:56 a.m.  
Reported : Mar 09, 2024, 02:44 p.m.  
Sample ID :



267389

Test Description	Results	Units	Biological Reference Range
------------------	---------	-------	----------------------------

**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.51	ng/dL	0.69 - 2.15
--	------	-------	-------------

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461