

Patient Name : **MR. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**TOTAL PSA**

Sample Type : Serum

Prostate Specific Antigen (PSA) [ CLIA ]	1.13	ng/ml	0 - 4
---	------	-------	-------

**Clinical Significance**

Serum P.S.A. should not be interpreted as absolute evidence of malignant disease.

Serum P.S.A. should not be used as a screening test for malignant disease.

Prostate biopsy, Prostatectomy and prostatic message may lead to elevated P.S.A. levels persisting upto 3 weeks.

---

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



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

Patient Name : **MR. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.68	ng/dL	0.69 - 2.15
--	------	-------	-------------

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

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

Patient Name : MR. RAVINDRA B MATHUR  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	110.20	ng/ml	52 - 127
------------------------------------	--------	-------	----------

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

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

Patient Name : **MR. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :




Test Description	Results	Units	Biological Reference Range
	<b><u>ESR</u></b>		
Sample Type : EDTA / Whole Blood			
ESR	10	Mm/hr	0 - 20
Method	Westergren		

\*\*END OF REPORT\*\*



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

Patient Name : **MR. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :   
170877

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

**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	17.0	g/dl	13.0 - 17.0
RBC COUNT	<b>6.38</b>	Millions/c	4.5 - 5.5
PCV(Hematocrit)	<b>52.6</b>	%	40.0 - 50.0
Mean Cell Volume(MCV)	82.45	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	<b>26.65</b>	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	32.32	g/dl	32 - 36
RDW	<b>14.7</b>	%	11.50 - 14.50
Total Leucocytes (WBC) Count	9920	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	50.9	%	40 - 70
Lymphocytes	38.8	%	20 - 50
Eosionphils	4.3	%	01 - 06
Monocytes	5.2	%	00 - 08
Basophils	0.80	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Adequate on Smear		
Platelet Count	226000	/cumm	150000 - 450000
MPV	<b>11.3</b>	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. RAVINDRA B MATHUR  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	25.40	mg/dl	10 - 40
-------------	-------	-------	---------

[ Urease - GLDH ]

<b>Bun</b>	11.86	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. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



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

**CREATININE**

Sample Type : Serum

<b>Creatinine</b>	1.12	mg/dl	0.40 - 1.40
-------------------	------	-------	-------------

[ Enzymatic ]

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. RAVINDRA B MATHUR  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	5.80	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. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :   
170877

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

**LIVER FUNCTION TEST**

Sample Type : Serum


TOTAL BILIRUBIN [ DIAZO ]	0.67	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.36	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.31	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	27.00	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	34.80	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	69.00	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	6.78	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.32	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	2.46	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.76		
GAMMA GT	15.10	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. RAVINDRA B MATHUR  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :   
170877

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

### URINE ANALYSE REPORT

Sample Type : Urine

#### PHYSICAL EXAMINATION

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	6.0		4.8 - 7.6
SPECIFIC GRAVITY	1.005		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	1-2		
RBCs/hpf	Absent		
EPI.CELLS/hpf	1-2		
CASTS	Absent		
CRYSTALS	Absent		
BACTERIA	Absent		
Other	Absent		

\*\*END OF REPORT\*\*



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

Patient Name : **MR. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.9	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	122.63	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*

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

Patient Name : **MR. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL

136.60

mg/dL

Desirable : &lt;200 mg/dl

[ CHOD-PAP ]

Borderline : 200 - 239mg/dl

High : &gt;240 mg/dl

TRIGLYCERIDES

137.10

mg/dL

Desirable : &lt;150 mg/dl

[ Glycerol Phosphate Oxidase ]

Borderline : 150 - 199mg/dl

High : &gt;200mg/dl

HDL CHOLESTEROL [ Direct ]

51.20

mg/dL

Desirable : &gt;40 mg/dl

Borderline Risk : 35 mg/dl

High Risk : &lt;30 mg/dl

LDL CHOLESTEROL [ Calculated ]

57.98

mg/dL

Desirable : &lt;100 mg/dl

Borderline : 130 - 160mg/dl

High : &gt;160mg/dl

VLDL Cholesterol

27.42

mg/dL

Desirable : &lt;26 mg/dl

[ Calculated ]

Borderline : &gt;30 mg/dl

Total Chol / HDL Chol Ratio

2.67

mg/dL

Desirable : &lt;5 %

[ Calculated ]

LDL / HDL Ratio

1.13

1.00 - 3.55

[ Calculated ]

NON-HDL CHOLESTEROL

85.40

mg/dL

Desirable : &lt;130 mg/dl

[ Calculated ]

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. RAVINDRA B MATHUR  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



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

**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"AB"

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. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 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 ]	120.30	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. RAVINDRA B MATHUR**  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	<b>106.80</b>	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. RAVINDRA B MATHUR  
Patient ID : 35375  
Age / Sex : 55 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 60693

Collected : Mar 26, 2022, 10:13 a.m.  
Reported : Mar 26, 2022, 05:19 p.m.  
Sample ID :



170877

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

**ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	1.74	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