



Reg. ID : 246783
Name of Patient : MR. RAM UPENDER
Age/Gender : 58 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 9873006908
Sample Type : EDTA

Panel Company : MEDIWHEEL
Lab Request ID : 230140037
Sample Collection Date : Jan 14, 2023, 11:03 a.m.
Sample Acknowledgment Date : Jan 14, 2023, 11:03 a.m.
Test Reported On : Jan 14, 2023, 04:07 p.m.

Test Description	Value	Unit	Biological Ref Interval
Complete Blood Count (CBC)			
Mediwheel metro full body health check up below 40 Male			
HAEMOGLOBIN (Hb)	12.3 ▼	gm/dl	13.00 - 17.00
Method : SLS			
TLC (Total Leucocyte Count)	7000	/cumm	4000.00 - 10000.00
Method : ELECTRIC IMPEDENCE			
DIFFERENTIAL COUNT			
NEUTROPHIL	75 ▲	%	40.00 - 70.00
LYMPHOCYTE	20	%	20.00 - 40.00
EOSINOPHIL	02	%	1.00 - 6.00
MONOCYTE	03	%	2.00 - 10.00
BASOPHIL	0	%	0.00 - 2.00
E.S.R.	22 ▲	mm/Ist hr.	0.00 - 20.00
Method : Westergen			
R B C (Red Blood Cell Count)	4.3 ▼	Millions/cmm	4.50 - 5.50
Method : Impedence			
PCV (Hematocrit)	38.9 ▼	%	40.00 - 50.00
M C V (Mean Corp Volume)	90.47	fL	83.00 - 101.00
Method : CALCULATED			
M C H (Mean Corp Hb)	28.6	pg	27.00 - 32.00
Method : CALCULATED			
M C H C (Mean Corp Hb Conc)	31.62	%	31.50 - 34.50
Method : CALCULATED			
MPV	11.2	fL	6.5-12
Method : Calculated			
PLATELET COUNT	129000 ▼	/cumm	150000.00 - 410000.00
Method : Impedence			
ABSOLUTE EOSINOPHIL COUNT	140	/cumm	40.00 - 440.00
ABSOLUTE LYMPHOCYTES COUNT	1400	/cumm	1000.00 - 3000.00
ABSOLUTE NEUTROPHIL COUNT	5250	/cumm	2000.00 - 7000.00
Method : MICROSCOPY			
RDW -CV	14.4 ▲	%	11.60 - 14.00
RDW -SD	47.7 ▲	fL	39.00 - 46.00
PDW	18.7		8.3 - 25

END OF REPORT

If tests results are alarming/unexpected,client is advised to contact the Lab immediately for possible remedial actions.


Dr. A. LALCHANDANI
M.D. (Pathology)





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Mobile No. : 9873006908	Test Reported On : Jan 14, 2023, 04:53 p.m.
Sample Type : URINE	

Test Description	Value	Unit	Biological Ref Interval
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URINE Examination R/M*

Mediwheel metro full body health check up below 40 Male

Physical Examination

Quantity	25ml		
Colour	Yellow	.	Pale yellow
Appearance	Clear		

Chemical Examination

Ph	6.0		5.0-8.0
Method : Method : Dipstick Manual			
Specific Gravity	1.020		1.005 - 1.030
Method : Method : Dipstick Manual			
Protein	Negative		Negative
Method : Method : Dipstick Manual			
Glucose	Negative		Negative
Method : Dipstick/Manual			
Bilirubin	Negative		Negative
Method : Dipstick/Manual			
Ketones	Negative		Negative
Method : Dipstick/Manual			
Nitrite	Negative		Negative
Method : Dipstick/Manual			
Urobilinogen	Normal		Normal
Method : Dipstick/Manual			


Microscopic Examination - Method "Microscopy"

Pus cells	2 - 3	/hpf	0 - 4/hpf
Red Blood Cells	Absent	/hpf	Nil
Epithelial Cells	1 - 2	/hpf	1 - 2/hpf
Crystals	Absent	.	Absent
Casts	Absent	.	Absent
Yeast	Absent	.	Absent
Bacteria	Absent	.	Absent

Note

Pus Cells are significant only in midstream sample. Important for interpretation in female patient as local contamination may occur.

A urine analysis alone usually doesn't provide a definite diagnosis. Depending on the reason your doctor recommended this test, you might need follow-up for unusual results. Evaluation of the urine analysis results with other tests can help your provider determine next steps. Getting standard test results from a urine analysis doesn't guarantee that you're not ill. It might be too early to detect disease or your urine could be too diluted. Tell your doctor if you still have signs and symptoms.



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Sample Type	: URINE		

Test Description	Value	Unit	Biological Ref Interval
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Mobile No. : 9873006908 **Test Reported On** : Jan 14, 2023, 05:09 p.m.
Sample Type : EDTA

Test Description	Value	Unit	Biological Ref Interval
<u>Blood Group ABO & RH TYPING*</u>			
Mediwheel metro full body health check up below 40 Male			
BLOOD GROUP ABO	AB		
RH Typing	Positive		

END OF REPORT


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Age/Gender : 58 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 9873006908
Sample Type : FLUORIDE-F

Panel Company : MEDIWHEEL
Lab Request ID : 01230140037
Sample Collection Date : Jan 14, 2023, 11:03 a.m.
Sample Acknowledgment Date : Jan 14, 2023, 11:03 a.m.
Test Reported On : Jan 14, 2023, 04:33 p.m.

Test Description	Value	Unit	Biological Ref Interval
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BLOOD GLUCOSE FASTING

Mediwheel metro full body health check up below 40 Male

BLOOD GLUCOSE FASTING	167 ▲	mg/dl	70 - 99
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Method : Hexokinase

Comments

Fasting Blood Sugar: 70-99 mg/dl : Non Diabetic
100-125 mg/dl : Impaired Fasting Glucose
>125 mg/dl : Diabetic

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Mobile No. : 9873006908 **Test Reported On** : Jan 14, 2023, 05:10 p.m.
Sample Type : URINE

Test Description	Value	Unit	Biological Ref Interval
	<u>URINE SUGAR (FASTING)*</u>		
Mediwheel metro full body health check up below 40 Male			
Urine Sugar (Fasting)	Absent		

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Mobile No. : 9873006908 **Test Reported On** : Jan 14, 2023, 05:53 p.m.
Sample Type : SERUM

Test Description	Value	Unit	Biological Ref Interval
Thyroid Function Test (T3,T4,TSH)			
Mediwheel metro full body health check up below 40 Male			
TOTAL T3	1.18	ng/mL	0.60 - 1.83
Method : CLIA			
TOTAL T4	8.64	ug/dl	5.48 - 14.28
Method : CLIA			
Thyroid Stimulating Hormone - TSH	3.41	uU/ml	0.35 - 5.50
Method : CLIA			

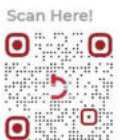
COMMENTS:-

A high TSH result often means an underactive thyroid gland caused by failure of the gland (Hypothroidism). Very rarely, a high TSH result can indicate a problem with the pituitary gland, such as a tumour, in what is known as secondary hyperthyroidism. A high TSH value can also occur in people with underactive thyroid gland who have been receiving too little thyroid hormone medication.

A low TSH result can indicate an overactive thyroid gland (hyperthyroidism) or damage to the pituitary gland that prevents it from producing TSH. A low TSH result can also occur in people with an underactive thyroid gland who are receiving too much thyroid hormone medication.

END OF REPORT


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Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Jan 14, 2023, 11:03 a.m.
Mobile No. : 9873006908	Test Reported On : Jan 14, 2023, 06:18 p.m.
Sample Type : EDTA	

GLYCOSYLATED HAEMOGLOBIN HbA1c*

Mediwheel metro full body health check up below 40 Male

HBA1C* **9.5 ▲** % 4.00 - 5.70

Method : HPLC - Ion Exchange

MEAN BLOOD GLUCOSE LEVEL Mean Blood **226 ▲** mg/dL 68 - 117

Glucose Level over past 60 days period

INTERPRETATION**According to recommendations of the American Diabetes Association (ADA)**

Group	HbA1c in %
Non-Diabetic adults 18 year	4.5 - 5.6
At risk of developing diabetes	> 5.7 to < 6.4
Diagnosing of Diabetes mellitus	>= 6.5

Comments

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have q high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
- Diabetes patients with HbA1c levels below 7%(DCCT/NGSP) meet the goal of the ADA.
- HbA1c levels below the established reference interval may indicate recent episodes of hypoglycemia, the presence of Hb variants or shortened lifetime of erythrocytes.
- 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.

FACTORS THAT INTERFERE WITH HbA1C Measurement- Hemoglobin variants,elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the with renal failure) can affect the accuracy of HbA1c measurements.

FACTORS THAT AFFECT INTERPRETATION OF HBA1C RESULTS - Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g.,recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c

END OF REPORT

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Mobile No.	: 9873006908	Test Reported On	: Jan 14, 2023, 06:18 p.m.
Sample Type	: EDTA		



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Value	Unit	Biological Ref Interval
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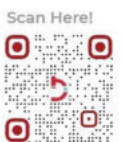
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Mobile No. : 9873006908	Test Reported On : Jan 14, 2023, 05:04 p.m.
Sample Type : SERUM	

Test Description	Value	Unit	Biological Ref Interval
<u>Lipid-Profile*</u>			
Mediwheel metro full body health check up below 40 Male			
CHOLESTROL TOTAL	162	mg/dL	Desirable : < 200 Borderline: 200 - 239 High : > 240
Method : CHOD-POD			
T.G	120	mg/dL	Desirable < 150 Borderline High 150 - 199 High 200 - 499 Very High > 500
Method : ENZYMATYIC (E.P)			
HDL	44	mg/dL	40-60
Method : Enzymatic immunoinhibition			
V L D L	24	mg/dl	07 - 35
Method : Calculated			
LDL CHOLESTEROL	94	mg/dl	Desirable :- < 100 Border line: 130 - 159 High Risk : 160 - 189 Very High : > 190
Method : Calculated			
LDL / HDL CHOLESTEROL Ratio	2.14 ▼		2.5 - 3.5 High : > 3.5
Method : Calculated			
TOTAL / HDL CHOLESTEROL Ratio	3.68 ▲		Moderate Risk : 3.5 - 5.0 High Risk : > 5.0
Method : Calculated			

Note

A Lipid Profile test panel measures the level of lipids, or fats, in your blood which essentially measures the following

- High-density lipoprotein (HDL) cholesterol** - referred to as “good” cholesterol because it helps remove LDL "bad" cholesterol from your blood.
- Low-density lipoprotein (LDL) cholesterol** - referred to as “bad” cholesterol. Too much of it can cause cholesterol to build up on the walls of your arteries. This raises your risk of [heart attack](#), [stroke](#), and [atherosclerosis](#).
- Triglycerides** - When you eat, your body breaks down fats in your food into smaller molecules called [triglycerides](#). High levels of triglycerides in your blood increase your risk of developing cardiovascular disease. Having obesity or unmanaged diabetes, drinking too much alcohol, and eating a high calorie diet can all contribute to high triglyceride levels.






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Sample Type	: SERUM		

Test Description	Value	Unit	Biological Ref Interval
4. Very low-density lipoprotein (VLDL). Your blood also contains another type of cholesterol linked to an increased risk of cardiovascular disease called VLDL . Your VLDL levels are not used to determine treatment for elevated cholesterol.			
5. Total cholesterol. This is the total amount of cholesterol in your blood. It's the sum of your LDL, HDL, and VLDL cholesterol. If your cholesterol numbers are outside of the normal range, you may be at a higher risk of heart disease, stroke, and atherosclerosis. Your doctor will consider other factors, such as your family history, weight, and exercise levels, to determine your risk.			

If your test results are abnormal, your doctor may order a [blood glucose test](#) to check for diabetes. They might also order a [thyroid function test](#) to determine if your thyroid is underactive.

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Sample Type	: SERUM		


Liver Function Test (LFT)*

Mediwheel metro full body health check up below 40 Male

BILIRUBIN TOTAL	1.5 ▲	mg/dL	0.3 - 1.2
Method : DIAZO			
BIL DIRECT	0.3 ▲	mg/dL	< 0.2
Method : DIAZO			
BIL INDIRECT	1.2		0.4-1.1
Method : CALCULATED			
AST/SGOT	42	μ/L	< 50
Method : UV WITHOUT P5P			
ALT/SGPT	54 ▲	μ/L	< 50
Method : UV WITHOUT P5P			
ALKALINE PHOSPHATE	70	IU/L	30-120
Method : PNPP, AMP BUFFER			
TOTAL PROTEIN	7.0	g/dL	6.6 - 8.3
Method : BIURET			
ALBUMIN	4.4	g/DL	3.5 - 5.2
Method : BCG			
GLOBULIN	2.6	g/dl	2.0-3.5
Method : Calculated			
A/G RATIO	1.69		0.9-2.5
Method : Calculated			
GGT	38	μ/L	< 55
Method : Glutamyl carboxy nitroanilide Glycylglycine			

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Test Description	Value	Unit	Biological Ref Interval
<u>Kidney Function Test (KFT)*</u>			
Mediwheel metro full body health check up below 40 Male			
Urea	31	mg/DL	17 - 43
Method : UREASE-UV			
Creatinine	0.82	mg/DL	0.67 - 1.17
Method : ALKALINE PICRATE KINETIC			
URIC ACID	8.2 ▲	mg/DL	3.5 - 7.2
Method : URICASE CALORIMETRIC			
Blood Urea Nitrogen (Bun)	14.49	mg/dl	6-20
Method : Calculated			
BUN / CREATININE Ratio	17.67	mg/dl	5-20
Method : Calculated			
SODIUM	131 ▼	mmol/L	136 - 146
Method : ISE INDIRECT			
POTASSIUM	4.6	mmol/L	3.5 - 5.1
Method : ISE INDIRECT			
CHLORIDES	101	mmol/L	101 - 109
Method : ISE INDIRECT			
CALCIUM	9.7	mg/dL	8.82-10.6
Method : Aresnazo III			
INORGANIC PHOSPHORUS	4.4	mg/dL	2.5-4.5
Method : Phosphomolybdate reduction			
Comments	-		

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Sample Type : SERUM	

Test Description	Value	Unit	Biological Ref Interval
	<u>TOTAL PSA*</u>		
Mediwheel metro full body health check up below 40 Male			
TOTAL PSA	0.18	ng/ml	< 4

Method : ENHANCED CHEMILUMINESCENCE

SUMMARY

PSA is localized in the cytoplasm of prostatic ductal epithelium and in secretions of the ductal lumina. Because PSA is a secretory protein of the prostate,it can be recovered and purified both from prostatic tissue and from seminal plasma. PSA has been found to be primarily associated with prostate tissue, and elevated serum PSA has been found in patients with prostate cancer,benign prostatic hypertrophy, and inflammatory conditions.

Serum PSA alone is not suitable as a screen for prostate cancer because elevated PSA concentrations are also observed in patients with benign prostatic hypertrophy (BPH), nor is it recommended as a guide in disease staging. The combination of PSA measurement and rectal examination with ultrasonography in the event of abnormal findings may provide a better method of detecting prostate cancer than rectal examination alone.PSA determinations can be useful in detecting metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.

END OF REPORT



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