



Reg. ID : 254591
Name of Patient : MR. NEERAJ SWAMY
Age/Gender : 49 years / Male
Refd by Dr. : MEDIWHEEL
Sample Type : EDTA

Panel Company : MEDIWHEEL
Lab Request ID : 230690028
Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Test Reported On : Mar 10, 2023, 03:42 p.m.

Test Description	Value	Unit	Biological Ref Interval
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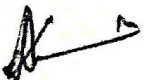
Complete Blood Count (CBC)

Mediwheel metro full body health check up below 40 Male

HAEMOGLOBIN (Hb)	12.6 ▼	gm/dl	13.00 - 17.00
Method : SLS			
TLC (Total Leucocyte Count)	4700	/cumm	4000.00 - 10000.00
Method : ELECTRIC IMPEDENCE			
DIFFERENTIAL COUNT			
NEUTROPHIL	65	%	40.00 - 70.00
LYMPHOCYTE	28	%	20.00 - 40.00
EOSINOPHIL	03	%	1.00 - 6.00
MONOCYTE	04	%	2.00 - 10.00
BASOPHIL	0	%	0.00 - 2.00
E.S.R.	12	mm/Ist hr.	0.00 - 15.00
Method : Westergen			
R B C (Red Blood Cell Count)	4.3 ▼	Millions/cmm	4.50 - 5.50
Method : Impedence			
PCV (Hematocrit)	38.3 ▼	%	40.00 - 50.00
M C V (Mean Corp Volume)	89.07	fL	83.00 - 101.00
Method : CALCULATED			
M C H (Mean Corp Hb)	29.3	pg	27.00 - 32.00
Method : CALCULATED			
M C H C (Mean Corp Hb Conc)	32.9	%	31.50 - 34.50
Method : CALCULATED			
MPV	13.7 ▲	fL	6.5-12
Method : Calculated			
PLATELET COUNT	142000 ▼	/cumm	150000.00 - 410000.00
Method : Impedence			
ABSOLUTE EOSINOPHIL COUNT	141	/cumm	40.00 - 440.00
ABSOLUTE LYMPHOCYTES COUNT	1316	/cumm	1000.00 - 3000.00
ABSOLUTE NEUTROPHIL COUNT	3055	/cumm	2000.00 - 7000.00
Method : MICROSCOPY			
RDW -CV	15 ▲	%	11.60 - 14.00
RDW -SD	49.6 ▲	fL	39.00 - 46.00
PDW	15.7		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)





Reg. ID : 254591 **Panel Company** : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY **Lab Request ID** : 230690028
Age/Gender : 49 years / Male **Sample Collection Date** : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Mar 10, 2023, 10:47 a.m.
Sample Type : URINE **Test Reported On** : Mar 10, 2023, 05:02 p.m.

Test Description **Value** **Unit** **Biological Ref Interval**

URINE Examination R/M*

Mediwheel metro full body health check up below 40 Male

Physical Examination

Quantity 15ml
Colour Pale Yellow . Pale yellow
Appearance Slightly Hazy

Chemical Examination

Ph 6.0 5.0-8.0
Method : Method : Dipstick Manual
Specific Gravity 1.015 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 1 - 2/ hpf /hpf 0 - 4/hpf
Red Blood Cells Absent /hpf Nil
Epithelial Cells 1 - 2 /hpf /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.


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

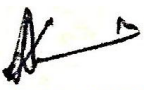


Reg. ID : 254591	Panel Company : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY	Lab Request ID : 230690028
Age/Gender : 49 years / Male	Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Sample Type : URINE	Test Reported On : Mar 10, 2023, 05:02 p.m.

Test Description	Value	Unit	Biological Ref Interval
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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)



Reg. ID : 254591 **Panel Company** : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY **Lab Request ID** : 230690028
Age/Gender : 49 years / Male **Sample Collection Date** : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Mar 10, 2023, 10:47 a.m.
Sample Type : EDTA **Test Reported On** : Mar 10, 2023, 04:55 p.m.


Test Description **Value** **Unit** **Biological Ref Interval**

Blood Group ABO & RH TYPING*

Mediwheel metro full body health check up below 40 Male

BLOOD GROUP ABO B
RH Typing Positive

END OF REPORT


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





MC-2471



Reg. ID : 254591	Panel Company : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY	Lab Request ID : 01230690028
Age/Gender : 49 years / Male	Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Sample Type : FLUORIDE-F	Test Reported On : Mar 10, 2023, 04:17 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	106 ▲	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

END OF REPORT


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





Reg. ID : 254591 **Panel Company** : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY **Lab Request ID** : 230690028
Age/Gender : 49 years / Male **Sample Collection Date** : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Mar 10, 2023, 10:47 a.m.
Sample Type : URINE **Test Reported On** : Mar 10, 2023, 04:56 p.m.

Test Description	Value	Unit	Biological Ref Interval
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URINE SUGAR (FASTING)*

Mediwheel metro full body health check up below 40 Male

Urine Sugar (Fasting)	Absent		
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END OF REPORT

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





MC-2471

Reg. ID : 254591 **Panel Company** : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY **Lab Request ID** : 00230690028
Age/Gender : 49 years / Male **Sample Collection Date** : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Mar 10, 2023, 10:47 a.m.
Sample Type : SERUM **Test Reported On** : Mar 10, 2023, 04:50 p.m.

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 1.16 ng/mL 0.60 - 1.83

Method : CLIA

TOTAL T4 9.63 ug/dl 5.48 - 14.28

Method : CLIA

Thyroid Stimulating Hormone - TSH 3.96 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 (Hypothrodism). Very rarely,a high TSH result can indicate a problem with the pituitary gland , such as a tumour , in what is known as secondary hyperthrodism . 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

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





Reg. ID : 254591	Panel Company : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY	Lab Request ID : 230690028
Age/Gender : 49 years / Male	Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Sample Type : EDTA	Test Reported On : Mar 10, 2023, 04:32 p.m.

Test Description	Value	Unit	Biological Ref Interval
GLYCOSYLATED HAEMOGLOBIN HbA1c*			
Mediwheel metro full body health check up below 40 Male			
HBA1C*	5.6	%	4.00 - 5.70
Method : HPLC - Ion Exchange			
MEAN BLOOD GLUCOSE LEVEL Mean Blood	114	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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Reg. ID : 254591 **Panel Company** : MEDIWHEEL
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Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Mar 10, 2023, 10:47 a.m.
Sample Type : EDTA **Test Reported On** : Mar 10, 2023, 04:32 p.m.

Test Description	Value	Unit	Biological Ref Interval
 Dr. A. LALCHANDANI M.D. (Pathology)			





Reg. ID : 254591	Panel Company : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY	Lab Request ID : 00230690028
Age/Gender : 49 years / Male	Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Sample Type : SERUM	Test Reported On : Mar 10, 2023, 04:11 p.m.

Test Description	Value	Unit	Biological Ref Interval
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Lipid-Profile*

Mediwheel metro full body health check up below 40 Male

CHOLESTROL TOTAL	169	mg/dL	Desirable : < 200 Borderline: 200 - 239 High : > 240
Method : CHOD-POD			
T.G	75	mg/dL	Desirable < 150 Borderline High 150 - 199 High 200 - 499 Very High > 500
Method : ENZYMATYIC (E.P)			
HDL	56	mg/dL	Male : 30 - 70 Female : 30 - 85
Method : DCM			
V L D L	15	mg/dl	07 - 35
Method : Calculated			
LDL CHOLESTEROL	98	mg/dl	Desirable :- < 100 Border line: 130 - 159 High Risk : 160 - 189 Very High : > 190
Method : Calculated			
LDL / HDL CHOLESTEROL Ratio	1.75		2.5 - 3.5 High : > 3.5
Method : Calculated			
TOTAL / HDL CHOLESTEROL Ratio	3.02		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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Age/Gender : 49 years / Male	Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Sample Type : SERUM	Test Reported On : Mar 10, 2023, 04:11 p.m.

Test Description	Value	Unit	Biological Ref Interval
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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.

END OF REPORT


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






Reg. ID : 254591
Name of Patient : MR. NEERAJ SWAMY
Age/Gender : 49 years / Male
Refd by Dr. : MEDIWHEEL
Sample Type : SERUM
Panel Company : MEDIWHEEL
Lab Request ID : 00230690028
Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Test Reported On : Mar 10, 2023, 04:12 p.m.

Test Description	Value	Unit	Biological Ref Interval
Liver Function Test (LFT)*			
Mediwheel metro full body health check up below 40 Male			
BILIRUBIN TOTAL	0.4	mg/dL	0.3 - 1.2
Method : DIAZO			
BIL DIRECT	0.1	mg/dL	< 0.2
Method : DIAZO			
BIL INDIRECT	0.3 ▼		0.4-1.1
Method : CALCULATED			
AST/SGOT	26	μ/L	< 50
Method : UV WITHOUT P5P			
ALT/SGPT	17	μ/L	< 50
Method : UV WITHOUT P5P			
ALKALINE PHOSPHATE	72	IU/L	30-120
Method : PNPP, AMP BUFFER			
TOTAL PROTEIN	6.9	g/dL	6.6 - 8.3
Method : BIURET			
ALBUMIN	4.1	g/DL	3.5 - 5.2
Method : BCG			
GLOBULIN	2.8	g/dl	2.0-3.5
Method : Calculated			
A/G RATIO	1.46		0.9-2.5
Method : Calculated			
GGT	13	μ/L	< 55
Method : Glutamyl carboxy nitroanilide Glycylglycine			

END OF REPORT

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M.D. (Pathology)





Reg. ID : 254591
Name of Patient : MR. NEERAJ SWAMY
Age/Gender : 49 years / Male
Refd by Dr. : MEDIWHEEL
Sample Type : SERUM

Panel Company : MEDIWHEEL
Lab Request ID : 00230690028
Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Test Reported On : Mar 10, 2023, 04:11 p.m.


Test Description	Value	Unit	Biological Ref Interval
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Kidney Function Test (KFT)*

Mediwheel metro full body health check up below 40 Male

Urea	18	mg/DL	17 - 43
Method : UREASE-UV			
Creatinine	0.72	mg/DL	0.67 - 1.17
Method : ALKALINE PICRATE KINETIC			
URIC ACID	5.6	mg/DL	3.5 - 7.2
Method : URICASE CALORIMETRIC			
Blood Urea Nitrogen (Bun)	8.41	mg/dl	6-20
Method : Calculated			
BUN / CREATININE Ratio	11.68	mg/dl	5-20
Method : Calculated			
SODIUM	137	mEq/l	136 - 146
Method : ISE INDIRECT			
POTASIUM	4.1	mEq/l	3.5 - 5.1
Method : ISE INDIRECT			
CHLORIDE	103	mEq/l	101 - 109
Method : ISE INDIRECT			
CALCIUM	9.3	mg/dL	8.82-10.6
Method : Aresnazo III			
INORGANIC PHOSPHORUS	3.1	mg/dL	2.5-4.5
Method : Phosphomolybdate reduction			
Comments	-		

END OF REPORT


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M.D. (Pathology)





MC-2471

Reg. ID : 254591	Panel Company : MEDIWHEEL
Name of Patient : MR. NEERAJ SWAMY	Lab Request ID : 00230690028
Age/Gender : 49 years / Male	Sample Collection Date : Mar 10, 2023, 10:46 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 10, 2023, 10:47 a.m.
Sample Type : SERUM	Test Reported On : Mar 10, 2023, 04:51 p.m.

Test Description	Value	Unit	Biological Ref Interval
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TOTAL PSA*

Mediwheel metro full body health check up below 40 Male

TOTAL PSA	0.5	ng/ml	< 4
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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

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

