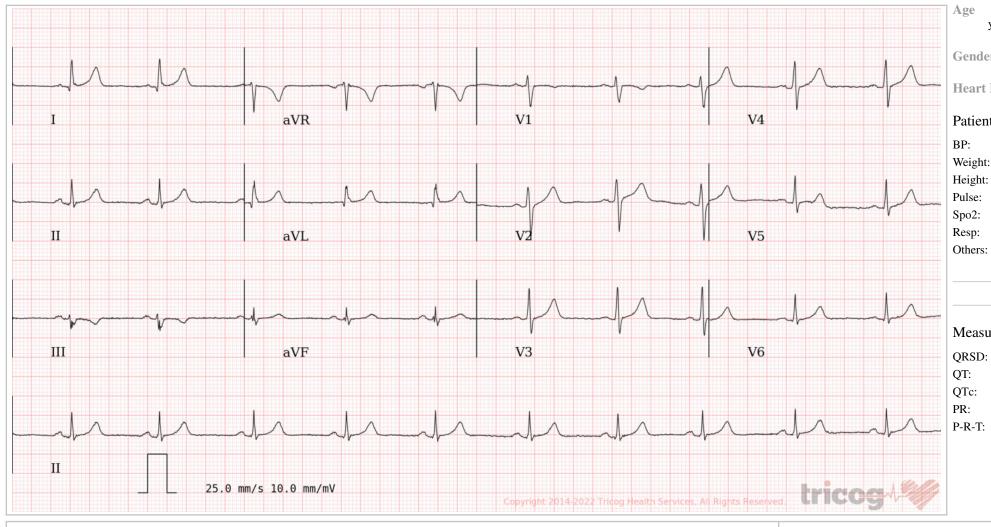
SUBURBAN DIAGNOSTICS - BHAYANDER EAST



Patient Name: VAIBHAV GAIKWAD

Patient ID: 2229520179 Date and Time: 22nd Oct 22 10:02 AM



years months days

Gender Male

Heart Rate 64bpm

Patient Vitals

130/80 mmHg

95 kg Weight: 171 cm

NA

NA NA

Measurements

QRSD: 86ms 384ms 396ms 144ms

65° 17° 21°

ECG Within Normal Limits: Sinus Rhythm, Normal Axis. No significant ST-T changes. Please correlate clinically.

REPORTED BY

Dr. Smita Valani MBBS, D. Cardiology 2011/03/0587

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



Name : Mr VAIBHAV GAIKWAD

Age / Sex : 33 Years/Male

Ref. Dr Reg. Date : 22-Oct-2022

: 22-Oct-2022/15:26 Reg. Location : Bhayander East Main Centre Reported



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USG WHOLE ABDOMEN(SCREENING)

LIVER:

The liver is normal in size (13.3 cm), shape and shows smooth margins. It shows normal parenchymal echotexture. Few well defined hyperechoic lesions are seen in the liver largest measuring 2.0 x 1.9 cm in segment VI/VII. No obvious abnormal vascularity made out - s/o hemangiomas. No obvious cystic lesion made out in the parenchyma. The intra hepatic biliary and portal radicals appear normal. The main portal vein appears normal.

GALL BLADDER:

The gall bladder is folded and physiologically distended. Neck region is not well visualised. Gall bladder wall appears normal. No evidence of calculus or mass lesions seen in the visualised lumen.

COMMON BILE DUCT:

The visualized common bile duct is normal in calibre. Terminal common bile duct is obscured due to bowel gas artefacts.

PANCREAS:

The pancreas appears normal. No evidence of solid or cystic mass lesion seen.

KIDNEYS:

Right kidney measures 10.7 x 5.2 cm. Left kidney measures 10.3 x 4.6 cm. Both the kidneys are normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. Pelvicalyceal system is normal. No evidence of any calculus, hydronephrosis or mass lesion seen on both sides.

SPLEEN:

The spleen is normal in size (10.3 cm) and echotexture. No evidence of focal lesion is noted.

URINARY BLADDER:

The urinary bladder is well distended and reveals no intraluminal abnormality. Bladder wall appears normal. No obvious calculus or mass lesion made out in the lumen.



Name : Mr VAIBHAV GAIKWAD

Age / Sex : 33 Years/Male

Ref. Dr Reg. Date : 22-Oct-2022

Reg. Location : Bhayander East Main Centre Reported : 22-Oct-2022/15:26



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PROSTATE:

The prostate is normal in size, measures 3.3 x 3.4 x 3.4 cms and weighs 20.9 gms. Parenchymal echotexture is normal. No obvious mass or calcification made out.

There is no evidence of any lymphadenopathy or ascites.

IMPRESSION:

- Hemangiomas in liver.
- No other obvious abnormality made out.

Kindly correlate clinically.

Investigations have their limitation. Solitary pathological/Radiological & other investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms & other related tests. Please interpret accordingly.

-----End of Report------

This report is prepared and physically checked by DR VIBHA S KAMBLE before dispatch.

DR. VIBHA S KAMBLE MBBS, DMRD Reg No -65470 **Consultant Radiologist**



: Mr VAIBHAV GAIKWAD Name

Age / Sex : 33 Years/Male

Ref. Dr

Reg. Location : Bhayander East Main Centre

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Reg. Date : 22-Oct-2022

Reported : 22-Oct-2022/15:26



Name : Mr VAIBHAV GAIKWAD

Age / Sex : 33 Years/Male

Ref. Dr : Reg. I

Reg. Location: Bhayander East Main Centre

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Reported : 22-Oct-2022/10:03

X-RAY CHEST PA VIEW

Both the lung fields are clear with no active parenchymal lesion.

The cardiothoracic ratio is maintained and the cardiac outline is normal.

The domes of the diaphragm and hila are normal.

The cardio and costophrenic angles are clear.

Bony thorax is normal.

IMPRESSION:

No obvious active parenchymal lesion made out.

Kindly correlate clinically.	
	End of Report

This report is prepared and physically checked by DR VIBHA S KAMBLE before dispatch.

DR.VIBHA S KAMBLE MBBS ,DMRD Reg No -65470 Consultant Radiologist



: Mr VAIBHAV GAIKWAD Name

Age / Sex : 33 Years/Male

Ref. Dr

Reg. Location : Bhayander East Main Centre

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Reg. Date : 22-Oct-2022

: 22-Oct-2022/10:03 Reported



Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : Reg. Location : Bhayander East (Main Centre)

: Bhayander East (Main Centre) Reported



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: 22-Oct-2022 / 08:31

:22-Oct-2022 / 12:42

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	15.6	13.0-17.0 g/dL	Spectrophotometric
RBC	5.16	4.5-5.5 mil/cmm	Elect. Impedance
PCV	45.6	40-50 %	Measured
MCV	88	80-100 fl	Calculated
MCH	30.3	27-32 pg	Calculated
MCHC	34.3	31.5-34.5 g/dL	Calculated
RDW	13.5	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	4360	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABS	OLUTE COUNTS		
Lymphocytes	37.4	20-40 %	
Absolute Lymphocytes	1630.6	1000-3000 /cmm	Calculated
Monocytes	8.2	2-10 %	
Absolute Monocytes	357.5	200-1000 /cmm	Calculated
Neutrophils	53.6	40-80 %	
Absolute Neutrophils	2337.0	2000-7000 /cmm	Calculated
Eosinophils	0.5	1-6 %	
Absolute Eosinophils	21.8	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	13.1	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	220000	150000-400000 /cmm	Elect. Impedance
MPV	8.4	6-11 fl	Calculated
PDW	12.7	11-18 %	Calculated

Page 1 of 13

ADDRESS: 2" Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053



Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : - Collected : 22-Oct-2022 / 08:31

Reg. Location : Bhayander East (Main Centre) Reported :22-Oct-2022 / 12:33

RBC MORPHOLOGY

Hypochromia -

Microcytosis -

Macrocytosis -

Anisocytosis -

Poikilocytosis -

Polychromasia -

Target Cells -

Basophilic Stippling -

Normoblasts -

Others Normocytic, Normochromic

WBC MORPHOLOGY -

PLATELET MORPHOLOGY -

COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB 24 2-15 mm at 1 hr. Westergren

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***







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Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr.

: Bhayander East (Main Centre) Reg. Location



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: 22-Oct-2022 / 08:31

Hexokinase

Hexokinase

:22-Oct-2022 / 17:18 Reported

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT

BIOLOGICAL REF RANGE PARAMETER RESULTS METHOD

GLUCOSE (SUGAR) FASTING. 97.2 Non-Diabetic: < 100 mg/dl Fluoride Plasma Impaired Fasting Glucose:

100-125 mg/dl

Diabetic: >/= 126 mg/dl

Collected

Non-Diabetic: < 140 mg/dl

GLUCOSE (SUGAR) PP, Fluoride 102.9

Plasma PP/R Impaired Glucose Tolerance:

140-199 mg/dl

Diabetic: >/= 200 mg/dl

Urine Sugar (Fasting) Absent Absent Urine Ketones (Fasting) **Absent Absent**

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West *** End Of Report ***







Dr.ANUPA DIXIT M.D.(PATH) Consultant Pathologist & Lab Director

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Name : MR. VAIBHAV GAIKWAD

:33 Years / Male Age / Gender

Consulting Dr. Reg. Location

: Bhayander East (Main Centre)



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:22-Oct-2022 / 08:31

:22-Oct-2022 / 14:07

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT **KIDNEY FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	34.2	12.8-42.8 mg/dl	Kinetic
BUN, Serum	16.0	6-20 mg/dl	Calculated
CREATININE, Serum	1.24	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	71	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	7.2	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
URIC ACID, Serum	6.2	3.5-7.2 mg/dl	Enzymatic
PHOSPHORUS, Serum	3.7	2.7-4.5 mg/dl	Molybdate UV
CALCIUM, Serum	8.9	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	139	135-148 mmol/l	ISE
POTASSIUM, Serum	4.9	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	104	98-107 mmol/l	ISE

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West *** End Of Report ***







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Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : -

Reg. Location: Bhayander East (Main Centre)



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: 22-Oct-2022 / 08:31

:22-Oct-2022 / 16:27

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT GLYCOSYLATED HEMOGLOBIN (HbA1c)

<u>PARAMETER</u> <u>RESULTS</u> <u>BIOLOGICAL REF RANGE</u> <u>METHOD</u>

Glycosylated Hemoglobin 5.2 Non-Diabetic Level: < 5.7 % HPLC (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 %

Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %

Collected

Reported

Estimated Average Glucose 102.5 mg/dl Calculated

(eAG), EDTA WB - CC

Intended use:

• In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year

• In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly

• For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

• HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.

 The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

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Dr.VRUSHALI SHROFF M.D.(PATH) Pathologist

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ADDRESS: 2" Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053



Name : MR. VAIBHAV GAIKWAD

:33 Years / Male Age / Gender

Consulting Dr.

TOTAL PSA, Serum

Reg. Location

1.59

Collected : Bhayander East (Main Centre)

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:22-Oct-2022 / 08:31

CLIA

Reported :22-Oct-2022 / 14:00

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT PROSTATE SPECIFIC ANTIGEN (PSA)

<4.0 ng/ml

RESULTS BIOLOGICAL REF RANGE PARAMETER METHOD

Kindly note change in Ref range and method w.e.f.11-07-2022

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ADDRESS: 2" Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053



Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : - Collected : 22-Oct-2022 / 08:31

Reg. Location : Bhayander East (Main Centre) Reported :22-Oct-2022 / 14:00

Clinical Significance:

- PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening 4.The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH
 than in patients with prostate cancer. 5.Calculation of % free PSA (ie. FPSA/TPSA x 100), has been suggested as way of improving the
 differentiation of BPH and Prostate cancer.

Interpretation:

Increased In- Prostate diseases, Cancer, Prostatitis, Benign prostatic hyperplasia, Prostatic ischemia, Acute urinary retention, Manipulations like Prostatic massage, Cystoscopy, Needle biopsy, Transurethral resection, Digital rectal examination, Radiation therapy, Indwelling catheter, Vigorous bicycle exercise, Drugs (e.g., testosterone), Physiologic fluctuations. Also found in small amounts in other cancers (sweat and salivary glands, breast, colon, lung, ovary) and in Skene glands of female urethra and in term placenta, Acute renal failure, Acute myocardial infarction,

Decreased In- Ejaculation within 24-48 hours, Castration, Antiandrogen drugs (e.g., finasteride), Radiation therapy, Prostatectomy, PSA falls 17% in 3 days after lying in hospital, Artifactual (e.g., improper specimen collection; very high PSA levels). Finasteride (5-α-reductase inhibitor) reduces PSA by 50% after 6 months in men without cancer.

Reflex Tests: % FREE PSA, USG Prostate

Limitations:

- tPSA values determined on patient samples by different testing procedures cannot be directly compared with one another and could be
 the cause of erroneous medical interpretations. If there is a change in the tPSA assay procedure used while monitoring therapy, then
 the tPSA values obtained upon changing over to the new procedure must be confirmed by parallelmeasurements with both methods.
 Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography
 and needle biopsy of prostate is not recommended as they falsely elevate levels.
- Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies, e.g. HAMA, that interferes with immunoassays.
- PSA results should be interpreted in light of the total clinical presentation of the patient, including: symptoms, clinical history, data from additional tests, and other appropriate information.
- Serum PSA concentrations should not be interpreted as absolute evidence for the presence or absence of prostate cancer.

Reference:

- Wallach's Interpretation of diagnostic tests
- Total PSA Pack insert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
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Name : MR. VAIBHAV GAIKWAD

:33 Years / Male Age / Gender

Consulting Dr. Collected Reported Reg. Location

: Bhayander East (Main Centre)



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:22-Oct-2022 / 08:31

:22-Oct-2022 / 15:27

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT URINE EXAMINATION REPORT

PARAM	<u>NETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSIC	AL EXAMINATION			
Color		Pale yellow	Pale Yellow	-
Reaction	n (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific	Gravity	1.015	1.001-1.030	Chemical Indicator
Transpa	rency	Clear	Clear	-
Volume	(ml)	30	-	-
CHEMIC	CAL EXAMINATION			
Proteins		Absent	Absent	pH Indicator
Glucose		Absent	Absent	GOD-POD
Ketones		Absent	Absent	Legals Test
Blood		Trace	Absent	Peroxidase
Bilirubin		Absent	Absent	Diazonium Salt
Urobilino	ogen	Normal	Normal	Diazonium Salt
Nitrite		Absent	Absent	Griess Test
MICROS	SCOPIC EXAMINATION			
Leukocy	tes(Pus cells)/hpf	1-2	0-5/hpf	
Red Bloo	od Cells / hpf	Occasional	0-2/hpf	

Epithelial Cells / hpf 0-1

Casts Absent Absent Crystals **Absent Absent** Amorphous debris Absent Absent

Bacteria / hpf 2-3 Less than 20/hpf

Others

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West *** End Of Report **







Binhaskar Dr.KETAKI MHASKAR M.D. (PATH) **Pathologist**

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ADDRESS: 2" Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053



Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : - Collected : 22-Oct-2022 / 08:31

Reg. Location : Bhayander East (Main Centre) Reported :22-Oct-2022 / 14:52

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT BLOOD GROUPING & Rh TYPING

PARAMETER RESULTS

ABO GROUP 0

Rh TYPING Positive

NOTE: Test performed by automated Erythrocytes magnetized technology (EMT) which is more sensitive than conventional methods.

Specimen: EDTA Whole Blood and/or serum

Clinical significance:

ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- · Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

Refernces:

- 1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
- 2. AABB technical manual

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
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Name : MR. VAIBHAV GAIKWAD

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Reg. Location : Bhayander East (Main Centre)



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:22-Oct-2022 / 12:48

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	111.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	56.2	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	32.7	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	78.3	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/d High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated l
LDL CHOLESTEROL, Serum	67.0	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	11.3	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.1	0-3.5 Ratio	Calculated

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***







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Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : -

Reg. Location: Bhayander East (Main Centre)



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Reported :22-Oct-2022 / 13:00

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	4.8	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	15.5	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	2.08	0.35-5.5 microIU/ml	ECLIA

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Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. : - Collected : 22-Oct-2022 / 08:31

Reg. Location : Bhayander East (Main Centre) Reported :22-Oct-2022 / 13:00

Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

- 1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors
- can give falsely high TSH.
- 2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation:TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am, and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7%(with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid, TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

- 1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.
- 2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3. Tietz , Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4. Biological Variation: From principles to Practice-Callum G Fraser (AACC Press)

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Application To Scan the Code

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ADDRESS: 2" Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053



Name : MR. VAIBHAV GAIKWAD

Age / Gender : 33 Years / Male

Consulting Dr. :-

Reg. Location: Bhayander East (Main Centre)



Use a QR Code Scanner Application To Scan the Code

Collected

Reported

: 22-Oct-2022 / 08:31

:22-Oct-2022 / 12:48

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT LIVER FUNCTION TESTS

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.67	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.26	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.41	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.2	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
SGOT (AST), Serum	22.8	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	23.7	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	17.9	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	98.7	40-130 U/L	Colorimetric

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***







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