# SUBURBAN DIAGNOSTICS - MALAD WEST

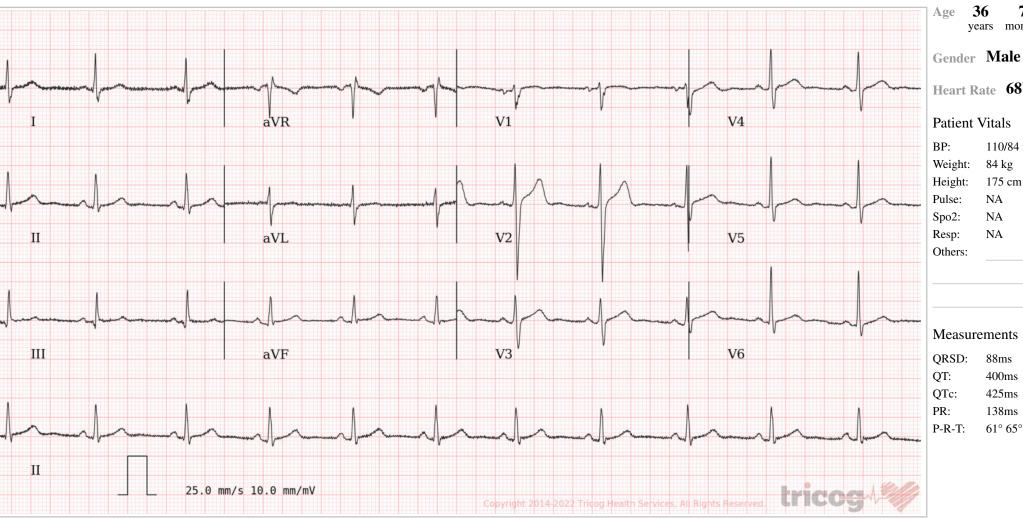


SHETWAD DNYANESHWAR Patient Name:

**PANDURANG** 

2225322516 Patient ID:

Date and Time: 10th Sep 22 11:16 AM



years months days

Heart Rate 68bpm

110/84 mmHg

400ms 425ms 138ms

61° 65° 52°

ECG Within Normal Limits: Sinus Rhythm, Normal Axis. Please correlate clinically.

REPORTED BY

DR SONALI HONRAO MD (General Medicine) Physician 2001/04/1882

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 SHETWAD DNYANESHWAR

**PANDURANG** 

Age / Sex : 36 Years/Male

**Ref. Dr** : **Reg. Date** : 10-Sep-2022

**Reg. Location**: Malad West Main Centre **Reported**: 10-Sep-2022/12:56



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# **USG WHOLE ABDOMEN**

## **LIVER:**

The liver is normal in size (13.5 cm), shape and smooth margins. **It shows bright parenchymal echo pattern.** The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein and CBD appears normal.

# **GALL BLADDER:**

The gall bladder is partially distended and appears normal. No evidence of gall stones or mass lesions seen.

## **PANCREAS:**

The pancreas head and partial body is visualized and appears normal. No evidence of solid or cystic mass lesion. Rest of the pancreas is obscured due to bowel gas shadows.

## **KIDNEYS:**

Both the kidneys are normal in size shape, and echotexture.

No evidence of any calculus, hydronephrosis or mass lesion seen.

Right kidney measures 10.6 x 4.6 cm.

Left kidney measures 9.6 x 4.1 cm.

# **SPLEEN:**

The spleen is mildly enlarged in size (12.1 cm), and normal in echotexture. No evidence of focal lesion is noted.

There is no evidence of any lymphadenopathy or ascites.

## **URINARY BLADDER:**

The urinary bladder is well distended and reveal no intraluminal abnormality.

## **PROSTATE:**

The prostate is normal in size and volume is 10.0 cc.



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## **IMPRESSION:**

- Grade II fatty infiltration of liver.
- Mild splenomegaly.

# Suggestion: Clinicopathological correlation.

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have inter-observer variations. Further / Follow-up imaging may be needed in some case for confirmation of findings. Patient has been explained in detail about the USG findings including its limitations and need for further imaging if clinically indicated. Please interpret accordingly. All the possible precaution have been taken under covid-19 pandemic.

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

This report is prepared and physically checked by Dr Vivek Singh before dispatch.

Dr.Vivek Singh

MD Radiodiagnosis

Reg No: 2013/03/0388



Name : Mr SHETWAD DNYANESHWAR

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Age / Sex : 36 Years/Male

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**PANDURANG** 

Age / Sex : 36 Years/Male

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: 10-Sep-2022

Reg. Date

# X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

# **IMPRESSION:**

NO SIGNIFICANT ABNORMALITY IS DETECTED.

TO BE CORRELATED CLINICALLY.

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. X- ray is known to have inter-observer variations. Further / Follow-up imaging may be needed in some case for confirmation of findings Please interpret accordingly.

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

This report is prepared and physically checked by Dr Vivek Singh before dispatch.

Dr. Vivek Singh

MD Radiodiagnosis Reg No: 2013/03/0388



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**PANDURANG** 

Age / Sex : 36 Years/Male

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: 10-Sep-2022/13:49

: 10-Sep-2022



Name : MR.SHETWAD DNYANESHWAR PANDURANG

Age / Gender : 36 Years / Male

Consulting Dr. Collected

Reported :10-Sep-2022 / 16:20 Reg. Location : Malad West (Main Centre)



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: 10-Sep-2022 / 10:28

# **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	15.4	13.0-17.0 g/dL	Spectrophotometric
RBC	5.51	4.5-5.5 mil/cmm	Elect. Impedance
PCV	48.0	40-50 %	Calculated
MCV	87.1	80-100 fl	Measured
MCH	27.9	27-32 pg	Calculated
MCHC	32.1	31.5-34.5 g/dL	Calculated
RDW	17.7	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	6830	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND AB	SOLUTE COUNTS		
Lymphocytes	20.9	20-40 %	
Absolute Lymphocytes	1427.5	1000-3000 /cmm	Calculated
Monocytes	7.3	2-10 %	
Absolute Monocytes	498.6	200-1000 /cmm	Calculated
Neutrophils	69.7	40-80 %	
Absolute Neutrophils	4760.5	2000-7000 /cmm	Calculated
Eosinophils	1.9	1-6 %	
Absolute Eosinophils	129.8	20-500 /cmm	Calculated
Basophils	0.2	0.1-2 %	
Absolute Basophils	13.7	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

## **PLATELET PARAMETERS**

Platelet Count	248000	150000-400000 /cmm	Elect. Impedance
MPV	9.6	6-11 fl	Measured
PDW	16.9	11-18 %	Calculated

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Name : MR.SHETWAD DNYANESHWAR PANDURANG

Age / Gender : 36 Years / Male

Consulting Dr. : - Collected : 10-Sep-2022 / 10:28

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## **RBC MORPHOLOGY**

Hypochromia -

Microcytosis -

Macrocytosis -

Anisocytosis Mild Poikilocytosis Mild

Polychromasia -

Target Cells -

Basophilic Stippling -

Normoblasts -

Others Elliptocytes-occasional

WBC MORPHOLOGY -

PLATELET MORPHOLOGY -

COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB 3 2-15 mm at 1 hr. Westergren

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West
\*\*\* End Of Report \*\*\*





Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP( Medical Services)

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SGPT (ALT), Serum

Serum

CID : 2225322516

Name : MR.SHETWAD DNYANESHWAR PANDURANG

Age / Gender : 36 Years / Male

Consulting Dr. : -

Reg. Location : Malad West (Main Centre)



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Hexokinase

NADH (w/o P-5-P)

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE			
<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	87.7	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose:	Hexokinase

Impaired Fasting Glucose: 100-125 mg/dl

Diabetic: >/= 126 mg/dl

Collected

Reported

GLUCOSE (SUGAR) PP, Fluoride 115.0 Non-Diabetic: < 140 mg/dl Plasma PP/R Impaired Glucose Tolerance:

27.3

140-199 mg/dl

Diabetic: >/= 200 mg/dl

BILIRUBIN (TOTAL), Serum 1.18 0.1-1.2 mg/dl Colorimetric BILIRUBIN (DIRECT), Serum 0.42 0-0.3 mg/dl Diazo

BILIRUBIN (INDIRECT), Serum 0.76 0.1-1.0 mg/dl Calculated

TOTAL PROTEINS, Serum 7.5 6.4-8.3 g/dL Biuret

ALBUMIN, Serum 4.7 3.5-5.2 g/dL BCG

GLOBULIN, Serum 2.8 2.3-3.5 g/dL Calculated A/G RATIO, Serum 1.7 1 - 2 Calculated

SGOT (AST), Serum 22.6 5-40 U/L NADH (w/o P-5-P)

5-45 U/L

GAMMA GT, Serum 20.5 3-60 U/L Enzymatic

ALKALINE PHOSPHATASE, 77.6 40-130 U/L Colorimetric

 BLOOD UREA, Serum
 12.3
 12.8-42.8 mg/dl
 Kinetic

 BUN, Serum
 5.7
 6-20 mg/dl
 Calculated

CREATININE, Serum 1.01 0.67-1.17 mg/dl Enzymatic

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:10-Sep-2022 / 19:55

eGFR, Serum 89 Calculated >60 ml/min/1.73sqm

URIC ACID, Serum 7.2 3.5-7.2 mg/dl Enzymatic

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

Urine Sugar (PP) Absent Absent Urine Ketones (PP) **Absent** Absent

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*\*





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

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Name : MR.SHETWAD DNYANESHWAR PANDURANG

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# **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c)**

### **BIOLOGICAL REF RANGE PARAMETER RESULTS METHOD**

Glycosylated Hemoglobin **HPLC** 5.4 Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC

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

Estimated Average Glucose 108.3 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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# **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE EXAMINATION OF FAECES**

### **BIOLOGICAL REF RANGE RESULTS PARAMETER**

# PHYSICAL EXAMINATION

Colour Brown Brown Form and Consistency Semi Solid Semi Solid Mucus Absent Absent Blood Absent Absent

**CHEMICAL EXAMINATION** 

Reaction (pH) Acidic (6.5)

Occult Blood Absent Absent

## **MICROSCOPIC EXAMINATION**

Protozoa Absent Absent Flagellates **Absent Absent** Ciliates Absent Absent **Parasites** Absent Absent Macrophages Absent Absent Mucus Strands Absent Absent Fat Globules Absent Absent RBC/hpf Absent Absent WBC/hpf Absent Absent Yeast Cells Absent **Absent Undigested Particles** Present ++ Concentration Method (for ova) No ova detected Absent Reducing Substances Absent





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Name : MR.SHETWAD DNYANESHWAR PANDURANG

: 36 Years / Male Age / Gender

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:10-Sep-2022 / 16:57

# **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE** URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	6.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	20	-	-
<b>CHEMICAL EXAMINATION</b>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION	<u>[</u>		
Leukocytes(Pus cells)/hpf	2-3	0-5/hpf	
Red Blood Calle / hnf	Absont	0.2/hmf	

Red Blood Cells / hpf Absent 0-2/hpf

Epithelial Cells / hpf 0-1

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

Bacteria / hpf 3-4 Less than 20/hpf

Others

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*





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Age / Gender : 36 Years / Male

Consulting Dr. : - Collected : 10-Sep-2022 / 10:28

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# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

<u>PARAMETER</u> <u>RESULTS</u>

ABO GROUP B

Rh TYPING POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) 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 CPL, Andheri West
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Name : MR.SHETWAD DNYANESHWAR PANDURANG

Age / Gender : 36 Years / Male

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# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	135.5	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	73.9	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	26.9	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	108.6	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	94.0	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	14.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.0	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO,	3.5	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West  $^{***}$  End Of Report  $^{***}$ 





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Pathologist

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Name : MR.SHETWAD DNYANESHWAR PANDURANG

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# **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS**

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOL</u>
Free T3, Serum	4.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	14.5	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.60	0.35-5.5 microIU/ml	ECLIA

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Name : MR.SHETWAD DNYANESHWAR PANDURANG

Age / Gender : 36 Years / Male

Consulting Dr. : - Collected :10-Sep-2022 / 10:28

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### 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.
- 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)

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West
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R

SID# : 177805436357

Name : MR.SHETWAD DNYANESHWAR PANDURANG Registered

: 10-Sep-2022 / 09:55

Age / Gender

CID#

: 10-Sep-2022 / 09:55

Consulting Dr. : -

: 36 Years/Male Collected

: 10-Sep-2022 / 16:31

Reg.Location : N

: Malad West (Main Centre)

Printed : 10-Sep-2022 / 16:35

# **PHYSICAL EXAMINATION REPORT**

# **History and Complaints:**

: 2225322516

NIL

# **EXAMINATION FINDINGS:**

Height (cms): 175 Weight (kg):

84.7

Temp (0c):

**NORMAL** 

Skin: NORMAL

Blood Pressure (mm/hg): 110/84

Nails:

Reported

NORMAL

Pulse:

**68 MIN** 

Lymph Node: NORMAL

**Systems** 

Cardiovascular: NAD

Respiratory: NAD

Genitourinary: NAD

**GI System:** NAD

CNS: NAD

**IMPRESSION:** 

ADVICE:

## **CHIEF COMPLAINTS:**

Hypertension: NO
 IHD NO
 Arrhythmia NO
 Diabetes Mellitus NO
 Tuberculosis NO

CENTRAL PROCESSING LAB: 2<sup>nd</sup> Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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CID# : **2225322516** SID# : 177805436357

Name : MR.SHETWAD DNYANESHWAR PANDURANG Registered : 10-Sep-2022 / 09:55

Age / Gender : 36 Years/Male Collected : 10-Sep-2022 / 09:55

Consulting Dr. : - Reported : 10-Sep-2022 / 16:31

Reg.Location : Malad West (Main Centre) Printed : 10-Sep-2022 / 16:35

6) Asthama NO

7) Pulmonary Disease NO

8) Thyroid/ Endocrine disorders NO

9) Nervous disorders NO

10) **GI system** NO

11) Genital urinary disorder NO

12) Rheumatic joint diseases or symptoms NO

13) Blood disease or disorder NO

14) Cancer/lump growth/cyst NO

15) Congenital disease16) SurgeriesNOPILES 1 YRS AGO

17) Musculoskeletal System NO

# **PERSONAL HISTORY:**

Alcohol
 Smoking
 NO

3) Diet NON-VEG

4) Medication NO

\*\*\* End Of Report \*\*\*

Dr.Sonali Honrao
MD physician
Sr. Manager-Medical Services
(Cardiology)

CENTRAL PROCESSING LAB: 2<sup>nd</sup> Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343