## SUBURBAN DIAGNOSTICS - BORIVALI WEST

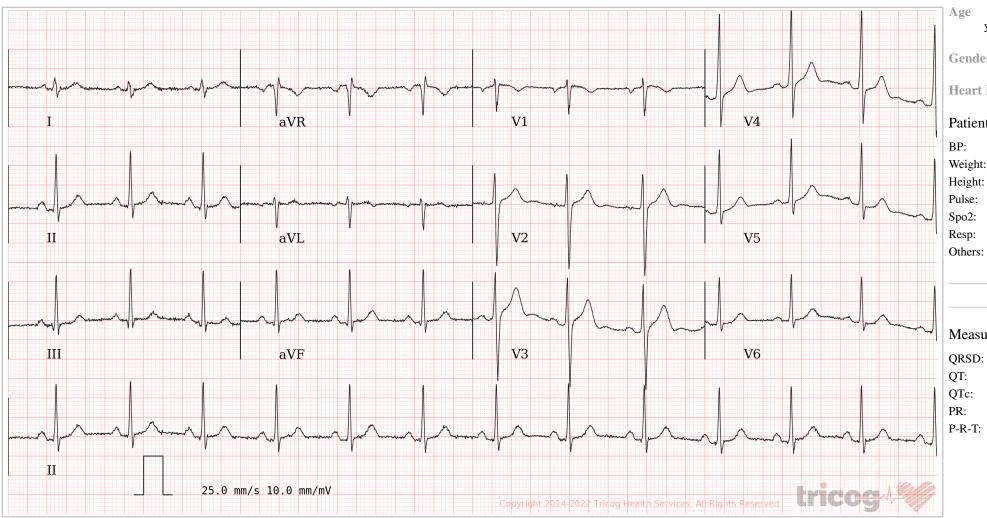


Patient Name: GANESH DUTE

Patient ID:

2233020891

Date and Time: 26th Nov 22 12:58 PM



years months days

Gender Male

Heart Rate 79bpm

## **Patient Vitals**

110/70 mmHg

52 kg Weight: 170 cm

NA NA

NA

Others:

### Measurements

84ms 356ms 408ms

152ms

71° 87° 57°

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

REPORTED BY

Dr Nitin Sonavane M.B.B.S.AFLH, D.DIAB,D.CARD Consultant Cardiologist 87714

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 GANESH DUTE

Age / Sex : 30 Years/Male

Ref. Dr :

**Reg. Location**: Borivali West



R E

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**Reg. Date** : 26-Nov-2022

**Reported** : 26-Nov-2022/11:31

# **USG WHOLE ABDOMEN**

<u>LIVER</u>: Liver is normal in size, shape and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any obvious focal lesion.

**GALL BLADDER:** Gall bladder is distended and appears normal. No obvious wall thickening is noted. There is no evidence of any calculus.

**PORTAL VEIN:** Portal vein is normal . **CBD:** CBD is normal.

**PANCREAS:** Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification.

**KIDNEYS:** Right kidney measures 9.0 x3.1 cm. Left kidney measures 8.8 x 4.8 cm.

Both kidneys are normal in shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

**SPLEEN:** Spleen is normal in size, shape and echotexture. No focal lesion is seen.

URINARY BLADDER: Urinary bladder is distended and normal. Wall thickness is within normal limits.

**PROSTATE:** Prostate is normal in size and echotexture. Prostate measures 4.5 x 2.8 x 4.5 cm and prostatic weight is 31 gm. No evidence of any obvious focal lesion.

No free fluid or size significant lymphadenopathy is seen.



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## **Opinion:**

• No significant abnormality is detected.

For clinical correlation and follow up.

Investigations have their limitations. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly.

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

This report is prepared and physically checked by DR SUDHANSHU SAXENA before dispatch.

DR.SUDHANSHU SAXENA Consultant Radiologist M.B.B.S DMRE (RadioDiagnosis) RegNo .MMC 2016061376.



Name : Mr GANESH DUTE

Age / Sex : 30 Years/Male

Ref. Dr :

**Reg. Location**: Borivali West

Authenticity Check

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Name : Mr GANESH DUTE

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# 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.



This report is prepared and physically checked by DR SUDHANSHU SAXENA before dispatch.

DR.SUDHANSHU SAXENA Consultant Radiologist M.B.B.S DMRE (RadioDiagnosis) RegNo .MMC 2016061376.



Name : Mr GANESH DUTE

Age / Sex : 30 Years/Male

Ref. Dr :

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**Reg. Date** : 26-Nov-2022

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Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

Consulting Dr. : -

Reg. Location : Borivali West (Main Centre)



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: 26-Nov-2022 / 09:52 : 26-Nov-2022 / 15:02

# **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	15.7	13.0-17.0 g/dL	Spectrophotometric
RBC	4.71	4.5-5.5 mil/cmm	Elect. Impedance
PCV	46.6	40-50 %	Measured
MCV	99	80-100 fl	Calculated
MCH	33.4	27-32 pg	Calculated
MCHC	33.7	31.5-34.5 g/dL	Calculated
RDW	12.5	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	5050	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABSOLUTE COUNTS			
Lymphocytes	27.7	20-40 %	
Absolute Lymphocytes	1398.9	1000-3000 /cmm	Calculated
Monocytes	7.9	2-10 %	
Absolute Monocytes	399.0	200-1000 /cmm	Calculated
Neutrophils	63.7	40-80 %	
Absolute Neutrophils	3216.9	2000-7000 /cmm	Calculated
Eosinophils	0.4	1-6 %	
Absolute Eosinophils	20.2	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	15.2	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

## **PLATELET PARAMETERS**

Platelet Count	260000	150000-400000 /cmm	Elect. Impedance
MPV	8.6	6-11 fl	Calculated
PDW	14.4	11-18 %	Calculated

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



Name : MR.GANESH DUTE

: 30 Years / Male Age / Gender

Consulting Dr. Collected Reported

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## **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 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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Age / Gender : 30 Years / Male

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**Reported** :26-Nov-2022 / 15:51

# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	82.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	100.6	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.64	0.3-1.2 mg/dl	Vanadate oxidation
Kindly note change in Ref range and	method w.e.f.11-07-2022		
BILIRUBIN (DIRECT), Serum	0.25	0-0.3 mg/dl	Vanadate oxidation
Kindly note change in Ref range and	method w.e.f.11-07-2022		
BILIRUBIN (INDIRECT), Serum	0.39	<1.2 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.9	5.7-8.2 g/dL	Biuret
Kindly note change in Ref range and	method w.e.f.11-07-2022		
ALBUMIN, Serum	4.3	3.2-4.8 g/dL	BCG
GLOBULIN, Serum	2.6	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.7	1 - 2	Calculated
SGOT (AST), Serum	12.8	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	12.7	10-49 U/L	Modified IFCC
Kindly note change in Ref range and	method w.e.f.11-07-2022		
GAMMA GT, Serum	16.7	<73 U/L	Modified IFCC

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Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

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:26-Nov-2022 / 21:47

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ALKALINE PHOSPHATASE, 61.3 46-116 U/L Modified IFCC Serum

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

BLOOD UREA, Serum 21.3 19.29-49.28 mg/dl Calculated

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

BUN, Serum 9.9 9.0-23.0 mg/dl Urease with GLDH

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

CREATININE, Serum 0.86 0.67-1.17 mg/dl Enzymatic eGFR, Serum 111 >60 ml/min/1.73sqm Calculated

URIC ACID, Serum 3.9 3.7-9.2 mg/dl Uricase/ Peroxidase

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

Urine Sugar (Fasting)AbsentAbsentUrine Ketones (Fasting)AbsentAbsent

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

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
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HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343



Name : MR.GANESH DUTE

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

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

Glycosylated Hemoglobin

5.3

Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % **HPLC** 

(HbA1c), EDTA WB - CC

Diabetic Level: >/=6.5%

Estimated Average Glucose (eAG), EDTA WB - CC

105.4

mg/dl

Calculated

#### 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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Name : MR.GANESH DUTE

: 30 Years / Male Age / Gender

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:26-Nov-2022 / 16:08

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

ORITE EXAMINATION REL ORI			
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	6.5	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	40	-	-
CHEMICAL EXAMINATION			
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	[		
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Enithelial Colle / hnf	1.2		

Epithelial Cells / hpf 1-2

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

Bacteria / hpf 2-3 Less than 20/hpf

Others

Interpretation: The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

- Protein:(1+ ~25 mg/dl, 2+ ~75 mg/dl, 3+ ~ 150 mg/dl, 4+ ~ 500 mg/dl)
- Glucose: (1+ ~ 50 mg/dl, 2+ ~100 mg/dl, 3+ ~300 mg/dl, 4+ ~1000 mg/dl)
- Ketone: (1 + ~5 mg/dl, 2 + ~15 mg/dl, 3 + ~50 mg/dl, 4 + ~150 mg/dl)

Reference: Pack insert







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

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



Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

Consulting Dr. Collected Reported Reg. Location : Borivali West (Main Centre)



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Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

Consulting Dr. : -

**Reg. Location**: Borivali West (Main Centre)



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

PARAMETER RESULTS

ABO GROUP B

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

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



Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

Consulting Dr.

Reg. Location : Borivali West (Main Centre)



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

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	166.3	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	61.4	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic colorimetric
HDL CHOLESTEROL, Serum	40.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Elimination/ Catalase
NON HDL CHOLESTEROL, Serum	125.9	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	113.6	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	12.3	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.1	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO,	2.8	0-3.5 Ratio	Calculated

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



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

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



Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

Consulting Dr. :

Free T3, Serum

Reg. Location : Borivali West (Main Centre)



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CLIA

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**Reported** :26-Nov-2022 / 15:51

# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

3.5-6.5 pmol/L

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

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

5.3

Free T4, Serum 17.0 11.5-22.7 pmol/L CLIA

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

sensitiveTSH, Serum 1.348 0.55-4.78 microIU/ml CLIA

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

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



Name : MR.GANESH DUTE

Age / Gender : 30 Years / Male

Consulting Dr. : - Collected : 26-Nov-2022 / 09:52

Reg. Location : Borivali West (Main Centre) Reported :26-Nov-2022 / 15:51

#### 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)

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
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HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343



CID#

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SID# : 177805656047

Name : MR.GANESH DUTE Registered : 26-Nov-2022 / 09:44

Age / Gender : 30 Years/Male Collected : 26-Nov-2022 / 09:44

Consulting Dr. : - Reported : 26-Nov-2022 / 16:01

Reg.Location : Borivali West (Main Centre) Printed : 26-Nov-2022 / 16:08

# **PHYSICAL EXAMINATION REPORT**

## **History and Complaints:**

: 2233020891

Asymptomatic

## **EXAMINATION FINDINGS:**

Height (cms):168 cmsWeight (kg):52 kgTemp (0c):AfebrileSkin:NADBlood Pressure (mm/hg):110/70 mmhgNails:NAD

Pulse: 80/ min Lymph Node: Not palpable

# **Systems**

Cardiovascular: S1S2
Respiratory: AEBE
Genitourinary: NAD

GI System: Liver & spleen not palpable

CNS: NAD

IMPRESSION: klclo Thalassemia minor

## ADVICE:

## **CHIEF COMPLAINTS:**

Hypertension: No
 IHD No
 Arrhythmia No
 Diabetes Mellitus No
 Tuberculosis No

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



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CID# : **2233020891** SID# : 177805656047

Name : MR.GANESH DUTE Registered : 26-Nov-2022 / 09:44

Age / Gender : 30 Years/Male Collected : 26-Nov-2022 / 09:44

Consulting Dr. : - Reported : 26-Nov-2022 / 16:01

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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 disease No

16) Surgeries No

17) Musculoskeletal System No

## **PERSONAL HISTORY:**

Alcohol
 Smoking
 Diet
 Medication
 No
 No

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

Dr.NITIN SONAVANE PHYSICIAN

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

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