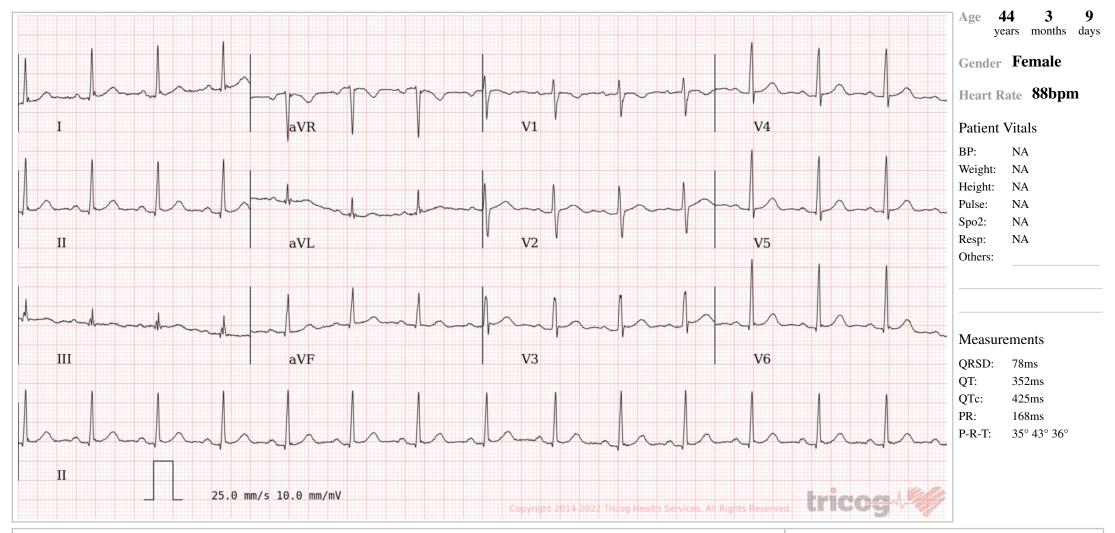
# SUBURBAN DIAGNOSTICS - G B ROAD, THANE WEST



Patient Name:SINDHU SUBHASH CHOUGULEDate and Time:10th Sep 22 1:14 PMPatient ID:2225322655



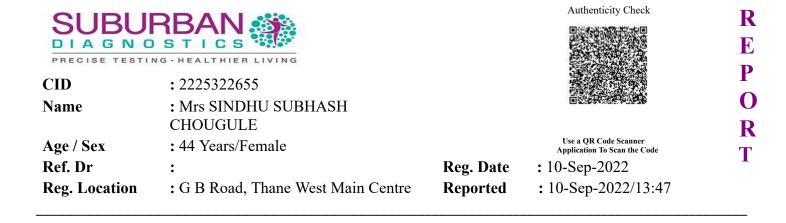
ECG Within Normal Limits: Sinus Rhythm, Normal Axis.Please correlate clinically.

REPORTED BY



DR SHAILAJA PILLAI MBBS, MD Physican MD Physican 49972

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.



## **USG WHOLE ABDOMEN**

**LIVER:** *Liver appears enlarged in size(18.4cm) and shows increased echoreflectivity.* There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

**<u>GALL BLADDER</u>**: Gall bladder is distended and appears normal. Wall thickness is within normal limits. There is no evidence of any calculus.

**<u>PORTAL VEIN:</u>** Portal vein is normal. <u>CBD:</u> CBD is normal.

**PANCREAS:** Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification. Pancreatic duct is not dilated.

<u>**KIDNEYS:</u>** Right kidney measures 9.2 x 3.9 cm. Left kidney measures 10.4 x 4.0 cm. Both kidneys are normal in size, shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.</u>

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

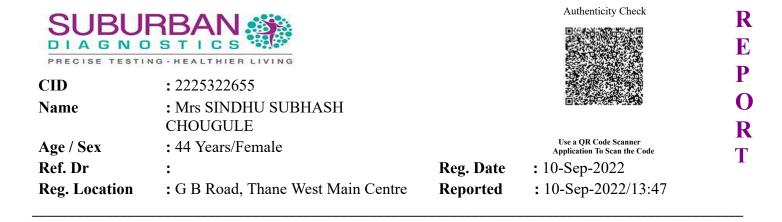
**URINARY BLADDER**: Urinary bladder is distended and normal. Wall thickness is within normal limits.

**<u>UTERUS</u>**: Uterus is anteverted and measures 6.5 x 3.9 x 3.9 cm. Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 7.4 mm. Cervix appears normal.

**OVARIES:** Both ovaries are normal. Bilateral adnexa are clear.

No free fluid or significant lymphadenopathy is seen.

Bowel gas++



## **IMPRESSION:**

### • MILD HEPATOMEGALY WITH GRADE I FATTY INFILTRATION OF LIVER.

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 cases for confirmation / exclusion of diagnosis.

Advice:Clinical co-relation and further evaluation.

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

This report is prepared and physically checked by Dr. Devendra Patil before dispatch.

Dr. Devendra Patil MBBS, MD (Radio-Diagnosis) Consultant Radiologist MMC - 2013/02/0165



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PRECISE TESTI	NG · HEALTHIER LIVING			D
CID : 2225322655				1
Name	: Mrs SINDHU SUBHASH CHOUGULE			O R
Age / Sex	: 44 Years/Female		Use a QR Code Scanner Application To Scan the Code	Т
Ref. Dr	:	Reg. Date	: 10-Sep-2022	1
<b>Reg.</b> Location	: G B Road, Thane West Main Centre	Reported	: 10-Sep-2022/13:47	

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: 2225322655

CHOUGULE

: 44 Years/Female

: Mrs SINDHU SUBHASH

: G B Road, Thane West Main Centre

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# **X-RAY CHEST PA VIEW**

Reg. Date

Reported

Both lung fields are clear.

CID

Name

Age / Sex

**Reg.** Location

Ref. Dr

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.

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

This report is prepared and physically checked by DR GAURAV FARTADE before dispatch.

G. R. Forde

Dr.GAURAV FARTADE MBBS, DMRE Reg No -2014/04/1786 Consultant Radiologist



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CID : 2225322655 Name : MRS.SINDHU SUBHASH CHOUGULE :44 Years / Female Age / Gender Consulting Dr. : -Reg. Location : G B Road, Thane West (Main Centre)



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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT

<u>CBC (Complete Blood Count), Blood</u>			
PARAMETER	<b>RESULTS</b>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
<b>RBC PARAMETERS</b>			
Haemoglobin	12.1	12.0-15.0 g/dL	Spectrophotometric
RBC	5.19	3.8-4.8 mil/cmm	Elect. Impedance
PCV	38.6	36-46 %	Measured
MCV	74	80-100 fl	Calculated
MCH	23.3	27-32 pg	Calculated
MCHC	31.4	31.5-34.5 g/dL	Calculated
RDW	16.4	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	7100	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND AB	SOLUTE COUNTS		
Lymphocytes	33.1	20-40 %	
Absolute Lymphocytes	2350.1	1000-3000 /cmm	Calculated
Monocytes	2.9	2-10 %	
Absolute Monocytes	205.9	200-1000 /cmm	Calculated
Neutrophils	61.6	40-80 %	
Absolute Neutrophils	4373.6	2000-7000 /cmm	Calculated
Eosinophils	1.9	1-6 %	
Absolute Eosinophils	134.9	20-500 /cmm	Calculated
Basophils	0.5	0.1-2 %	
Absolute Basophils	35.5	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

#### **PLATELET PARAMETERS**

Platelet Count	352000	150000-400000 /cmm	Elect. Impedance
MPV	8.2	6-11 fl	Calculated
PDW	13.0	11-18 %	Calculated

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RECISE TESTING · HEAT	C S			E
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Name	: MRS.SINDHU SUBHASH CHOUGULE			0
Age / Gender	: 44 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr.	: -	Collected	:10-Sep-2022 / 10:36	
Reg. Location	: G B Road, Thane West (Main Centre)	Reported	:10-Sep-2022 / 12:39	т

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15	2-20 mm at 1 hr.	Westergren
	Mild - Mild - - - - Elliptocytes-occasional - -	Mild Mild Mild - - Elliptocytes-occasional -

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*



Amit Taom
Dr.AMIT TAORI
M.D (Path)
Pathologist



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#### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **BIOLOGICAL REF RANGE** PARAMETER RESULTS **METHOD**

GLUCOSE (SUGAR) FASTING, 95.6 Fluoride Plasma

GLUCOSE (SUGAR) PP, Fluoride 142.2 Plasma PP/R

Non-Diabetic: < 100 mg/dl Hexokinase Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl

Non-Diabetic: < 140 mg/dl

Diabetic: >/= 200 mg/dl

140-199 mg/dl

Impaired Glucose Tolerance:

Hexokinase

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Name	: MRS.SINDHU SUBHASH CHOUGULE
Age / Gender	: 44 Years / Female
Consulting Dr. Reg. Location	: - : G B Road, Thane West (Main Centre)



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#### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT KIDNEY FUNCTION TESTS

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	13.1	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	6.1	6-20 mg/dl	Calculated
CREATININE, Serum	0.66	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	103	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	7.3	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.7	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.7	1 - 2	Calculated
URIC ACID, Serum	5.3	2.4-5.7 mg/dl	Uricase
PHOSPHORUS, Serum	3.4	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	10.0	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	139	135-148 mmol/l	ISE
POTASSIUM, Serum	4.8	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	102	98-107 mmol/l	ISE

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Ponit aon **Dr.AMIT TAORI** M.D (Path) Pathologist



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:10-Sep-2022 / 10:36 :10-Sep-2022 / 17:34

#### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **GLYCOSYLATED HEMOGLOBIN (HbA1c)** RESULTS BIOLOGICAL REF RANGE METHOD PARAMETER

Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.8	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	119.8	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.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP( Medical Services)

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:10-Sep-2022 / 10:36 :10-Sep-2022 / 13:33

## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **BLOOD GROUPING & Rh TYPING**

### PARAMETER

## RESULTS

**ABO GROUP** 0 **Rh TYPING** Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Note : This Sample has also been tested for Bombay group/Bombay phenotype /Oh using anti-H lectin.

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:**

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

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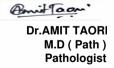
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### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT LIPID PROFILE

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	168.8	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	197.7	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	38.0	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	130.8	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	91.0	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	39.8	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.4	0-3.5 Ratio	Calculated

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Age / Gender	: 44 Years / Female
Consulting Dr.	: -
Reg. Location	: G B Road, Thane West (Main Centre)



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# MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **THYROID FUNCTION TESTS**

PARAMETER	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
Free T3, Serum	4.1	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	9.7	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH, Serum	16.62	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA

Kindly correlate clinically.

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Name	: MRS.SINDHU SUBHASH CHOUGULE			0
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Consulting Dr.	:-	Collected	:10-Sep-2022 / 10:36	
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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	v Low Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti th kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital h	
Low	High	High Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or th 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)

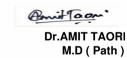
2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357

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 G B Road Lab, Thane West \*\*\* End Of Report \*\*\*





Pathologist



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Application To Scan the Code Collected Reported

:10-Sep-2022 / 10:36 :10-Sep-2022 / 13:04

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

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.35	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.21	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.3	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.7	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.7	1 - 2	Calculated
SGOT (AST), Serum	12.9	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	9.6	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	17.7	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	70.0	35-105 U/L	PNPP

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Amit aom **Dr.AMIT TAORI** M.D (Path) Pathologist



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