# SUBURBAN DIAGNOSTICS - G B ROAD, THANE WEST



Patient Name: SINDHU DEEPAK Patient ID: 2203634163

Date and Time: 5th Feb 22 10:58 AM

Age 44 years months days Gender Female Heart Rate 92 bpm aVR V1 V4 Patient Vitals BP: NA Weight: NA Height: NA Pulse: NA V5 Π aVL V2Spo2: NA NA Resp: Others: III V3 aVF V6 Measurements QSRD: 90 ms QT: 342 ms 422 ms QTc: Π PR: 118 ms 25.0 mm/s 10.0 mm/mV tric P-R-T: 75° 72° -26° Copyright 2014-2022 Tricog Health Services, All Rights Rese

Sinus Rhythm, Normal Axis, Nonspecific T wave Abnormality. Please correlate clinically.

REPORTED BY

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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.

SUBURI DIAGNOS PRECISE TESTING			Authenticity Check	R E
CID Name	: 2203634163 : Mrs Sindhu Deepak			P
Age / Sex Ref. Dr	: 44 Years/Female :	Reg. Date	Use a QR Code Scanner Application To Scan the Code : 05-Feb-2022 / 12:07	R
<b>Reg.</b> Location	: G B Road, Thane West Main Centre	Reported	:05-Feb-2022 / 12:10	Τ

## **USG WHOLE ABDOMEN**

**LIVER:** *Liver appears enlarged in size(18.0cm) 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 not visualised (post cholecystectomy status)

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

**<u>PANCREAS</u>**: Visualised head of pancreas appears normal in size & echotexture. Rest is obscured by excessive bowel gas.

<u>**KIDNEYS**</u>: Right kidney measures 8.8 x 4.1 cm. Left kidney measures 9.7 x 4.2 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>SPLEEN</u>**: Spleen is normal in size, shape and echotexture. No focal lesion is seen.

**<u>URINARY BLADDER</u>**: Urinary bladder is distended and normal. Wall thickness is within normal limits.

**<u>UTERUS</u>**: Uterus is anteverted and measures 7.3 x 4.7 x 4.5 cm. *Few tiny intramural fibroids are seen largest measuring 1.2 x 1.4 cm in anterior wall.* 

Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 8.4 mm. Cervix appears normal.

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

No free fluid or significant lymphadenopathy is seen.

Bowel gas++

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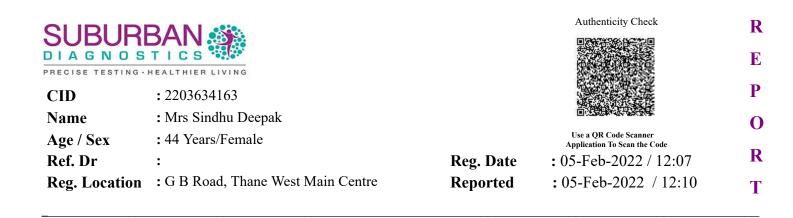
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## **IMPRESSION:**

- HEPATOMEGALY WITH GRADE I FATTY INFILTRATION.
- UTERINE FIBROIDS.

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 interobserver 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-----

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

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CID	: 2203634163		
Name	: Mrs Sindhu Deepak		
Age / Sex	: 44 Years/Female		Use a QR Code Scanner Application To Scan the Code
Ref. Dr	:	Reg. Date	: 05-Feb-2022 / 13:18
<b>Reg.</b> Location	: G B Road, Thane West Main Centre	Reported	:05-Feb-2022 / 13:59

# **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.

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

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

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

CBC (Complete Blood Count), Blood				
PARAMETER	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>	
<b>RBC PARAMETERS</b>				
Haemoglobin	12.1	12.0-15.0 g/dL	Spectrophotometric	
RBC	4.21	3.8-4.8 mil/cmm	Elect. Impedance	
PCV	35.5	36-46 %	Measured	
MCV	84	80-100 fl	Calculated	
MCH	28.6	27-32 pg	Calculated	
MCHC	34.0	31.5-34.5 g/dL	Calculated	
RDW	15.6	11.6-14.0 %	Calculated	
WBC PARAMETERS				
WBC Total Count	11700	4000-10000 /cmm	Elect. Impedance	
WBC DIFFERENTIAL AND ABS	SOLUTE COUNTS			
Lymphocytes	26.2	20-40 %		
Absolute Lymphocytes	3065.4	1000-3000 /cmm	Calculated	
Monocytes	3.8	2-10 %		
Absolute Monocytes	444.6	200-1000 /cmm	Calculated	
Neutrophils	67.3	40-80 %		
Absolute Neutrophils	7874.1	2000-7000 /cmm	Calculated	
Eosinophils	2.7	1-6 %		
Absolute Eosinophils	315.9	20-500 /cmm	Calculated	
Basophils	0.0	0.1-2 %		
Absolute Basophils	0.0	20-100 /cmm	Calculated	
Immature Leukocytes	-			

WBC Differential Count by Absorbance & Impedance method/Microscopy.

#### PLATELET PARAMETERS Platelet Count 484000 150000-400000 /cmm Elect. Impedance MPV 7.6 6-11 fl Calculated PDW 11.8 11-18 % Calculated **RBC MORPHOLOGY** Hypochromia Microcytosis

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Consulting Dr.	: -	Collected	:05-Feb-2022 / 09:56	
Reg. Location	: G B Road, Thane West (Main Centre)	Reported	:05-Feb-2022 / 11:36	т

Macrocytosis	-		
Anisocytosis	-		
Poikilocytosis	-		
Polychromasia	-		
Target Cells	-		
Basophilic Stippling	-		
Normoblasts	-		
Others	Normocytic,Normochromic		
WBC MORPHOLOGY	-		
PLATELET MORPHOLOGY	-		
COMMENT	Neutrophilic Leukocytosis		
Kindly correlate clinically.			
Specimen: EDTA Whole Blood			
ESR, EDTA WB	49	2-20 mm at 1 hr.	Westergren

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



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Dr.AMIT TAORI M.D (Path) Pathologist

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<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	106.4	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	116.5	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
*Sample processed at SUBURBAN DIA	GNOSTICS (INDIA) PVT. LTD G B I	Road Lab, Thane West	

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Dr.AMIT TAORI M.D (Path) Pathologist

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

Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.9	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	122.6	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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MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT URINE EXAMINATION REPORT

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Acidic (6.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.015	1.010-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	40	-	-
<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			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	2-3	Less than 20/hpf	

\*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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:05-Feb-2022 / 09:56 :05-Feb-2022 / 13:48

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

PARAMETER

## RESULTS

**ABO GROUP** A **Rh TYPING** Positive

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

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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Ponit Jaon

Dr.AMIT TAORI M.D (Path) Pathologist

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Name

Age / Gender

Consulting Dr.



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**Reg. Location** : G B Road, Thane West (Main Centre)

: MRS.SINDHU DEEPAK

:44 Years / Female

: 2203634163

: -

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# MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	225.9	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	191.1	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	41.2	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	184.7	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	147.0	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	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL, Serum	37.7	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.5	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.6	0-3.5 Ratio	Calculated
*Comple processed at SURURRAN DI		Deedlah There West	

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Dr.AMIT TAORI M.D (Path) Pathologist

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CID : 2203634163 Name : MRS.SINDHU DEEPAK 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	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	14.1	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	6.6	6-20 mg/dl	Calculated
CREATININE, Serum	0.67	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	102	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	6.8	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.0	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.4	1 - 2	Calculated
URIC ACID, Serum	5.2	2.4-5.7 mg/dl	Uricase
PHOSPHORUS, Serum	4.7	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	9.2	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	136	135-148 mmol/l	ISE
POTASSIUM, Serum	4.0	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	94	98-107 mmol/l	ISE

\*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

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

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CID Name

Age / Gender Consulting Dr. Reg. Location

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

<b>PARAMETER</b>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	5.1	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	19.9	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	8.77	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 DEEPAK		回始研究研究部署	0
Age / Gender	: 44 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr.	: -	Collected	:05-Feb-2022 / 09:56	
Reg. Location	:G B Road, Thane West (Main Centre)	Reported	:05-Feb-2022 / 11:52	т

#### Interpretation:

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

#### **Clinical Significance:**

1)TSH Values between 5.5 to 15 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, tyros 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 thyroi illness.	
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.	
High	h High High Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blocke epileptics.		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: 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.

#### 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 \*\*\*



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Dr.AMIT TAORI M.D (Path) Pathologist

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•••••• <u>9</u> •••	: - : G B Road, Thane West (Main Centre)
Reg. Location	: G B Road, Thane west (Main Centre)



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### 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	0.32	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.12	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.20	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.8	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.0	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.4	1 - 2	Calculated
SGOT (AST), Serum	11.9	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	8.1	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	15.8	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	81.7	35-105 U/L	PNPP

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



Bonit Taon'

Dr.AMIT TAORI M.D ( Path ) Pathologist

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