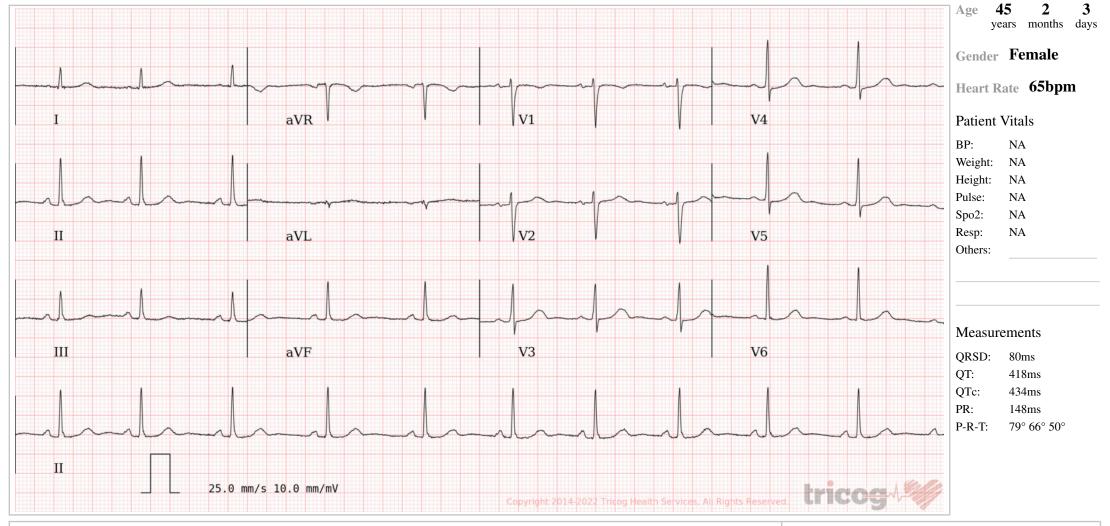
# SUBURBAN DIAGNOSTICS - G B ROAD, THANE WEST



Patient Name: SHANTISHREE N N V Patient ID: 2225321956 Date and Time: 10th Sep 22 11:14 AM



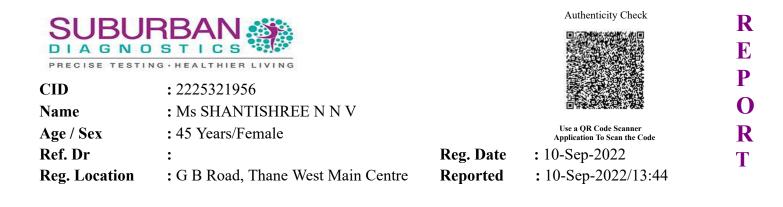
ECG Within Normal Limits: Sinus Rhythm, Normal Axis.Please correlate clinically.

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 normal in size and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

**<u>GALL BLADDER</u>**: Gall bladder is contracted.(Not evaluated)

**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 9.5 x 3.5 cm. Left kidney measures 9.4 x 4.7 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>

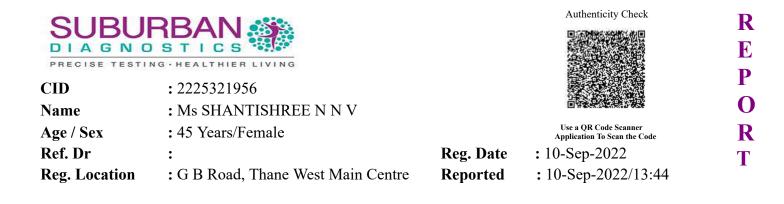
**<u>SPLEEN</u>**: Spleen is normal in size, shape and echotexture. No focal lesion is seen.

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

**<u>UTERUS</u>**: Uterus is retroverted and measures 6.2 x 3.7 x 4.0 cm. Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 5.8 mm. Cervix appears normal.

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

No free fluid or significant lymphadenopathy is seen.



# **IMPRESSION: NO SIGNIFICANT ABNORMALITY IS DETECTED.**

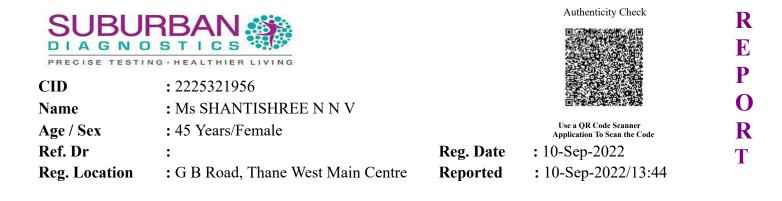
Note:Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have inter-observer variations. Further/follow-up imaging may be needed 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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CID	: 2225321956			I
Name	: Ms SHANTISHREE N N V		自然是这些新闻	0
Age / Sex	: 45 Years/Female		Use a QR Code Scanner Application To Scan the Code	R
Ref. Dr	:	Reg. Date	: 10-Sep-2022	Т
<b>Reg.</b> Location	: G B Road, Thane West Main Centre	Reported	: 10-Sep-2022/12:22	•

# 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.

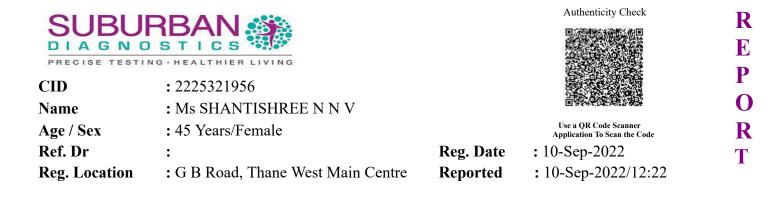
-----End of Report------

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

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





CID : 2225321956 Name : MS.SHANTISHREE N N V Age / Gender : 45 Years / Female Consulting Dr. : -Reg. Location : G B Road, Thane West (Main Centre)



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# MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO

<u>CBC (Complete Blood Count), Blood</u>				
<u>PARAMETER</u>	RESULTS	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>	
<b>RBC PARAMETERS</b>				
Haemoglobin	11.5	12.0-15.0 g/dL	Spectrophotometric	
RBC	4.23	3.8-4.8 mil/cmm	Elect. Impedance	
PCV	36.3	36-46 %	Measured	
MCV	86	80-100 fl	Calculated	
MCH	27.1	27-32 pg	Calculated	
MCHC	31.6	31.5-34.5 g/dL	Calculated	
RDW	13.4	11.6-14.0 %	Calculated	
WBC PARAMETERS				
WBC Total Count	4800	4000-10000 /cmm	Elect. Impedance	
WBC DIFFERENTIAL AND A	BSOLUTE COUNTS			
Lymphocytes	38.4	20-40 %		
Absolute Lymphocytes	1843.2	1000-3000 /cmm	Calculated	
Monocytes	6.0	2-10 %		
Absolute Monocytes	288.0	200-1000 /cmm	Calculated	
Neutrophils	53.3	40-80 %		
Absolute Neutrophils	2558.4	2000-7000 /cmm	Calculated	
Eosinophils	1.9	1-6 %		
Absolute Eosinophils	91.2	20-500 /cmm	Calculated	
Basophils	0.4	0.1-2 %		
Absolute Basophils	19.2	20-100 /cmm	Calculated	
Immature Leukocytes	-			

WBC Differential Count by Absorbance & Impedance method/Microscopy.

## PLATELET PARAMETERS

Platelet Count	364000	150000-400000 /cmm	Elect. Impedance
MPV	7.8	6-11 fl	Calculated
PDW	12.0	11-18 %	Calculated

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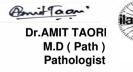


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CID	• 222321930			-
Name	: MS.SHANTISHREE N N V		回的现在分词的错误改变错误	0
Age / Gender	: 45 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr.	: -	Collected	:10-Sep-2022 / 09:23	
Reg. Location	: G B Road, Thane West (Main Centre)	Reported	:10-Sep-2022 / 12:06	т

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	18	2-20 mm at 1 hr.	Westergren
*Sample processed at SUBUPBAN D		R Road Lab. Thana Wost	

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





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R F : 2225321956 O Name : MS. SHANTISHREE N N V Use a OR Code Scanner : 45 Years / Female Age / Gender Application To Scan the Code Consulting Dr. Collected : -:10-Sep-2022 / 09:23 Reported :10-Sep-2022 / 13:01 Reg. Location : G B Road, Thane West (Main Centre) MEDIWHEEL FULL BODY HEALTH CHECKLIP FEMALE ABOVE 40/2D ECHO

<b>PARAMETER</b>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	88.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	76.2	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		

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Name	: MS.SHANTISHREE N N V
Age / Gender	: 45 Years / Female
Consulting Dr.	: -
Reg. Location	: G B Road, Thane West (Main Centre)



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MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO KIDNEY FUNCTION TESTS

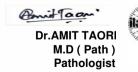
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PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	14.4	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	6.7	6-20 mg/dl	Calculated
CREATININE, Serum	0.85	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	77	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	6.9	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.6	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.7	1 - 2	Calculated
URIC ACID, Serum	4.1	2.4-5.7 mg/dl	Uricase
PHOSPHORUS, Serum	3.3	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	9.2	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	137	135-148 mmol/l	ISE
POTASSIUM, Serum	4.6	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	106	98-107 mmol/l	ISE

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







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:10-Sep-2022 / 09:23 :10-Sep-2022 / 13:27

#### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO GLYCOSYLATED HEMOGLOBIN (HbA1c) BIOLOGICAL REF RANGE METHOD RESULTS PARAMETER

<u>. ,</u>	<u></u>		<u></u>
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.5	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	111.2	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.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab \*\*\* End Of Report \*\*\*

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

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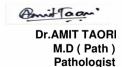
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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>		
PHYSICAL EXAMINATION					
Color	Pale yellow	Pale Yellow	-		
Reaction (pH)	Acidic (5.0)	4.5 - 8.0	Chemical Indicator		
Specific Gravity	1.020	1.001-1.030	Chemical Indicator		
Transparency	Slight hazy	Clear	-		
Volume (ml)	50	-	-		
<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	2-3	0-5/hpf			
Red Blood Cells / hpf	Absent	0-2/hpf			
Epithelial Cells / hpf	2-4				
Casts	Absent	Absent			
Crystals	Absent	Absent			
Amorphous debris	Absent	Absent			
Bacteria / hpf	3-5	Less than 20/hpf			

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







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:10-Sep-2022 / 11:40 :13-Sep-2022 / 18:03

# MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO PAP SMEAR REPORT

Specimen : - (G/SDC- 7832/22) Received SurePath vial. Clinical Note : LMP: 16/8/22. Adequacy : Satisfactory for evaluation. Transformation zone component absent. Microscopic: Smear reveals mainly intermediate and fewer superficial squamous cells along with mild neutrophilic infiltrate. Interpretation : Negative for intraepithelial lesion or malignancy.

Report as per " THE BETHESDA SYSTEM" for cervicovaginal reporting.

Note : : Pap test is a screening test for cervical cancer with inherent false negative results. LBC samples will be retained for a period of one month after release of report. Any further tests required eg HPV testing (test code PATH007131) may be ordered within this period.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab \*\*\* End Of Report \*



GBadkar

**Dr.GAUTMI BADKAR** M.D. (PATH), DNB (PATH) Pathologist

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:10-Sep-2022 / 09:23 :10-Sep-2022 / 13:32

# MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO **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.

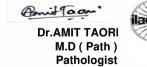
## **Refernces:**

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







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: 2225321956

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: MS.SHANTISHREE N N V

: G B Road, Thane West (Main Centre)

: 45 Years / Female

CID

Name

Age / Gender

Consulting Dr.

Reg. Location

Authenticity Check



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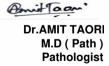
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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	176.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	68.4	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	57.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	118.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	104.0	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	14.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.0	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.8	0-3.5 Ratio	Calculated

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







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: 2225321956 : MS.SHANTISHREE N N V			0
: 45 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
: - : G B Road, Thane West (Main Centre)	Collected Reported	:10-Sep-2022 / 09:23 :10-Sep-2022 / 12:36	т

# MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO THYROID FUNCTION TESTS

<b>PARAMETER</b>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
Free T3, Serum	4.9	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	14.9	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	2.68	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

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Name	: MS.SHANTISHREE N N V		目的時期的時期	
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Reg. Location	: G B Road, Thane West (Main Centre)	Reported	:10-Sep-2022 / 12:36	

#### 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)

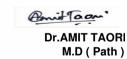
2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357

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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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO LIVER FUNCTION TESTS

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.39	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.17	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.22	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.9	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 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	16.9	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	11.7	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	14.3	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	73.3	35-105 U/L	PNPP

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Dr.AMIT TAORI M.D (Path) Pathologist



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