# SUBURBAN DIAGNOSTICS - G B ROAD, THANE WEST



Π

Patient Name: JAYANTI. Patient ID: 2204332016 Date and Time: 12th Feb 22 11:18 AM

years months days Gender Female Heart Rate 78 bpm V1 aVR V4 Patient Vitals BP: Weight: NA Height: NA Pulse: NA V2V5 Π aVL Spo2: Resp: Others: V3 V6 III aVF Measurements QSRD: 78 ms

QT: 354 ms 403 ms QTc: PR: 134 ms trico 25.0 mm/s 10.0 mm/mV P-R-T: 59° 13° 9°

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

REPORTED BY

13

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43

NA

NA NA

Age



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.



<b>SUBUR</b>				E
PRECISE TESTING .	HEALTHIER LIVING			Ľ
CID	: 2204332016			Р
Name	: Mrs JAYANTI .			0
Age / Sex	: 43 Years/Female		Use a QR Code Scanner Application To Scan the Code	_
Ref. Dr	:	Reg. Date	: 12-Feb-2022 / 10:07	R
Reg. Location	: G B Road, Thane West Main Centre	Reported	: 12-Feb-2022 / 10:41	Τ

# **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------

Authenticity Check

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

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http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022021209310883

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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	12.3	12.0-15.0 g/dL	Spectrophotometric
RBC	3.98	3.8-4.8 mil/cmm	Elect. Impedance
PCV	36.6	36-46 %	Measured
MCV	92	80-100 fl	Calculated
MCH	30.9	27-32 pg	Calculated
MCHC	33.7	31.5-34.5 g/dL	Calculated
RDW	14.0	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	6800	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABS	OLUTE COUNTS		
Lymphocytes	31.0	20-40 %	
Absolute Lymphocytes	2108.0	1000-3000 /cmm	Calculated
Monocytes	5.0	2-10 %	
Absolute Monocytes	340.0	200-1000 /cmm	Calculated
Neutrophils	59.0	40-80 %	
Absolute Neutrophils	4012.0	2000-7000 /cmm	Calculated
Eosinophils	5.0	1-6 %	
Absolute Eosinophils	340.0	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	<u>.</u>		
Platelet Count	151000	150000-400000 /cmm	Elect. Impedance
MPV	11.6	6-11 fl	Calculated
PDW	24.5	11-18 %	Calculated
RBC MORPHOLOGY			
Hypochromia	-		
Microcytosis	-		

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Consulting Dr. Reg. Location	: - :G B Road, Thane West (Main Centre)	Collected Reported	:12-Feb-2022 / 09:32 :12-Feb-2022 / 12:03	т

Macrocytosis	-		
Anisocytosis	-		
Poikilocytosis	-		
Polychromasia	-		
Target Cells	-		
Basophilic Stippling	-		
Normoblasts	-		
Others	Normocytic,Normochromic		
WBC MORPHOLOGY	-		
PLATELET MORPHOLOGY	Megaplatelets seen on smear		
COMMENT	-		
Result rechecked.			
Kindly correlate clinically.			
Specimen: EDTA Whole Blood			
ESR, EDTA WB	23	2-20 mm at 1 hr.	Westergren
			MESTERRIEI
*Sample processed at SUBURBAN DIA	AGNOSTICS (INDIA) PVT. LTD G B *** End Of Rep		



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

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CID :2204332016 Name : MRS.JAYANTI . : 43 Years / Female Use a OR Code Scanner Age / Gender Application To Scan the Code Consulting Dr. Collected : -:12-Feb-2022 / 09:32 Reported :12-Feb-2022 / 13:32 Reg. Location : G B Road, Thane West (Main Centre) MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **BIOLOGICAL REF RANGE** PARAMETER **RESULTS METHOD** GLUCOSE (SUGAR) FASTING, 83.7 Non-Diabetic: < 100 mg/dl Hexokinase

Fluoride Plasma		Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Texermase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	73.5	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 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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#### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT GLYCOSYLATED HEMOGLOBIN (HbA1c) RESULTS BIOLOGICAL REF RANGE METHOD PARAMETER

Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	4.8	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	91.1	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 CPL, Andheri West \*\*\* End Of Report \*\*\*





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Consulting Dr.	: -
Reg. Location	: G B Road, Thane West (Main Centre)



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### MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT URINE EXAMINATION REPORT

PARAMETER	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Acidic (6.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.010-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30	-	-
<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 EXAMINATIO	N		
Leukocytes(Pus cells)/hpf	10-15	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	3-4		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	4-5	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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# 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:**

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

PARAMETER	RESULTS	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
CHOLESTEROL, Serum	159.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	62.3	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	68.1	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	90.9	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	79.0	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	11.9	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	2.3	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.2	0-3.5 Ratio	Calculated
*Sample processed at SUBURBAN DI		B Road Lab. Thane West	

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



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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	18.6	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	8.7	6-20 mg/dl	Calculated
CREATININE, Serum	0.6	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	116	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	7.2	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.9	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
URIC ACID, Serum	4.3	2.4-5.7 mg/dl	Uricase
PHOSPHORUS, Serum	2.7	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	8.9	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	140	135-148 mmol/l	ISE
POTASSIUM, Serum	3.8	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	107	98-107 mmol/l	ISE

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

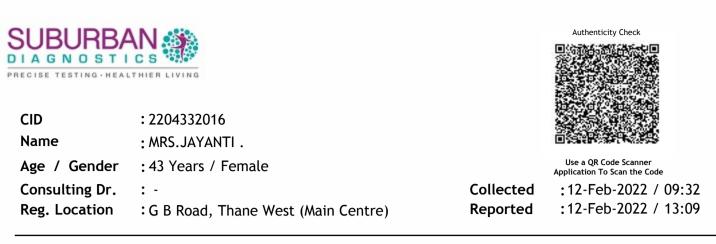
<b>PARAMETER</b>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
Free T3, Serum	3.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	16.6	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH, Serum	4.05	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA

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#### 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, 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 antibe epileptics.		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: 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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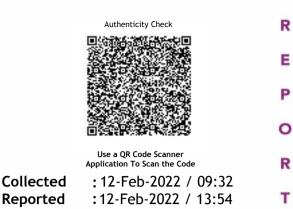
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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT LIVER FUNCTION TESTS

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.22	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.11	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.11	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.2	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.9	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
SGOT (AST), Serum	27.4	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	20.9	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	10.0	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	105.9	35-105 U/L	PNPP

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