

SUBURBAN DIAGNOSTICS - BORIVALI WEST

Patient Name: SHITAL SACHIN PATEL

Date and Time: 9th Dec 23 10:56 AM

Patient ID: 2334320521

Age **45** **NA** **NA**
years months days

Gender **Female**

Heart Rate **68bpm**

Patient Vitals

BP: NA

Weight: NA

Height: NA

Pulse: NA

Spo2: NA

Resp: NA

Others: _____

Measurements

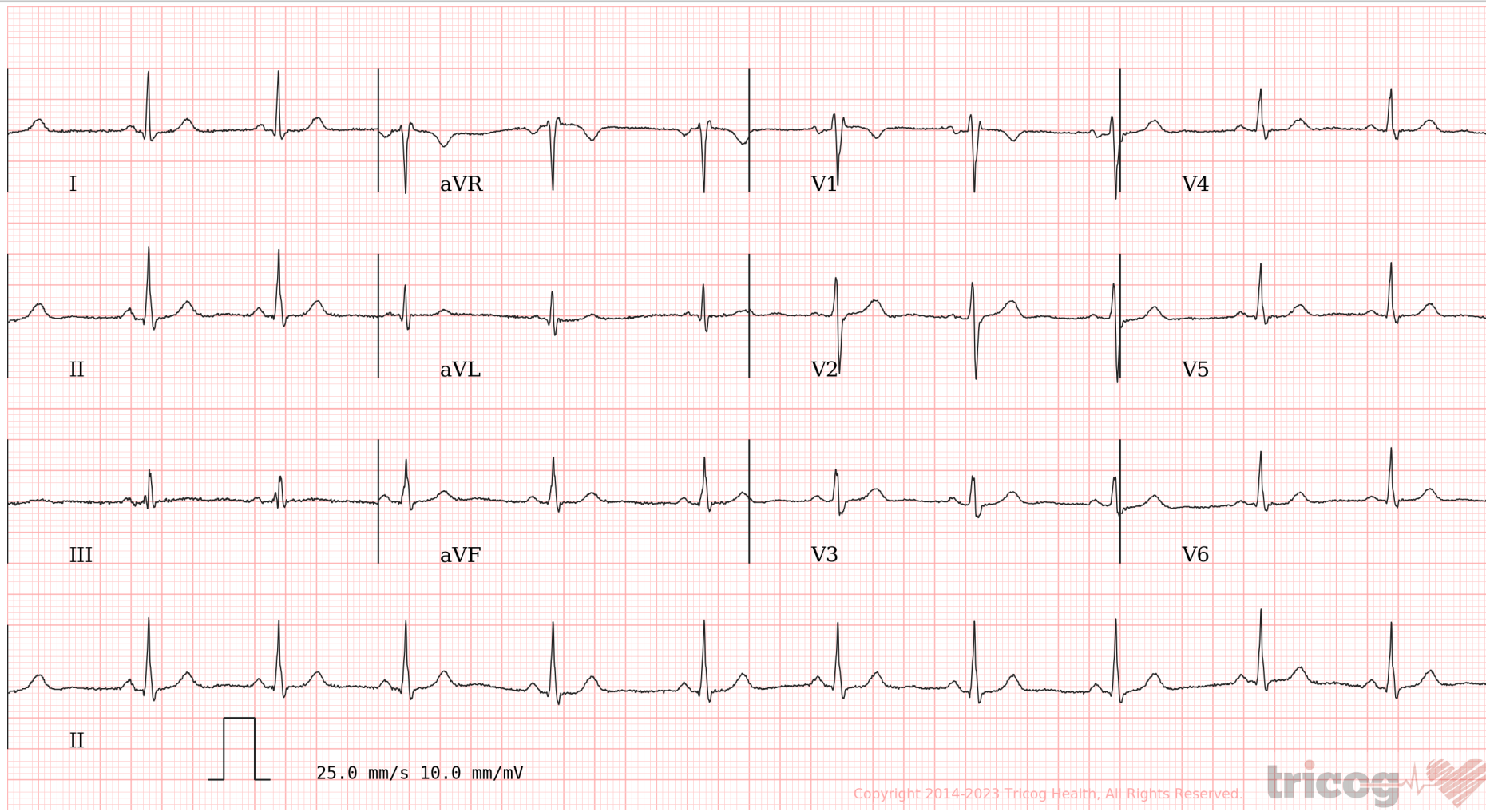
QRSD: 92ms

QT: 378ms

QTcB: 401ms

PR: 132ms

P-R-T: 53° 46° 49°



Copyright 2014-2023 Tricog Health, All Rights Reserved.



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

Lab # :

Sex / Age

Date

Name : *Shital Patel*

45 / R

9/12/23.

GYNAEC EXAMINATION REPORT

PERSONAL HISTORY

CHIEF COMPLAINTS

: *no*

*K1C10 uterine
cyst diagnosed
:- 2017. (Hing)*

MARITAL STATUS

married

MENSTRUAL HISTORY

(1) MENARCHE

14 yrs

(2) PRESENT MENSTRUAL HISTORY

*10/11/23. Reg. 20 days cycle.
Heavy for 1st 2 days.*

(3) PAST MENSTRUAL HISTORY

OBSTETRIC HISTORY

G P 22 A L 2

*(♂) LSCS -
PHR & +
(♀) LSCS w/o
elective*

PAST HISTORY *no*

PREVIOUS SURGERIES *no.*

ALLERGIES *no*

FAMILY HISTORY *nil*

DRUG HISTORY *no.*

BOWEL HABITS *Occasional constipation.*

BLADDER HABITS *(N)*

Lab # :

Sex / Age

Date

Name : *Shital f.*

45/R

GYNAEC EXAMINATION REPORT

GENERAL EXAMINATION

TEMPERATURE :
PULSE :
BP :
Per Abdomen :
Per vaginal :

RS :
CVS :
Breasts :

*NAD OIE - both
breast.*

RECOMMENDATIONS

Axillary LN - NP.

ADVISE :

DR. MONALI SHAH
REG. NO. 57282
CONSULTING HOMOEOPATH
DIETITIAN & NUTRITIONIST

CID NO: 2334320521	
PATIENT'S NAME: MRS.SHITAL SACHIN PATEL	AGE/SEX: 45 Y/ F
REF BY: -----	DATE: 09/12/2023

2-D ECHOCARDIOGRAPHY

1. RA, LA RV is Normal Size.
2. No LV Hypertrophy.
3. Normal LV systolic function. LVEF 60 % by bi-plane
4. No RWMA at rest.
5. Tricuspid valve normal, Trivial PR, Trivial MR, Mild sclerosis of aortic cusp.
6. Great arteries: Aorta: Normal
 - a. No mitral valve prolaps.
7. Inter-ventricular septum is intact and normal.
8. Intra Atrial Septum intact.
9. Pulmonary vein, IVC, hepatic are normal.
- 10.No LV clot.
- 11.No Pericardial Effusion
- 12.No Diastolic dysfunction. No Doppler evidence of raised LVEDP.

PATIENT'S NAME: MRS.SHITAL SACHIN PATEL	AGE/SEX: 45 Y/ F
REF BY: -----	DATE: 09/12/2023

1. AO root diameter	2.8 cm
2. IVSd	1.0 cm
3. LVIDd	4.2 cm
4. LVIDs	1.9 cm
5. LVPWd	1.0 cm
6. LA dimension	3.4 cm
7. RA dimension	3.4 cm
8. RV dimension	3.0 cm
9. Pulmonary flow vel:	1.1 m/s
10. Pulmonary Gradient	5 m/s
11. Tricuspid flow vel	1.4 m/s
12. Tricuspid Gradient	9 m/s
13. PASP by TR Jet	19 mm Hg
14. TAPSE	2.6 cm
15. Aortic flow vel	1.5 m/s
16. Aortic Gradient	10 m/s
17. Mean aortic PG	5 mm of Hg
18. MV:E	0.8 m/s
19. A vel	0.7 m/s
20. IVC	16 mm
21. E/E'	10

Impression:

Normal 2d echo study.

Disclaimer

Echo may have inter/intra observer variations in measurements as the study is observer dependent and changes with Pt's hemodynamics. Please co-relate findings with patients clinical status.

End of Report

AP
DR. S. NITIN
Consultant Cardiologist
Reg. No. 87714

CID NO: 2334320521		
NAME: .MRS. SHITAL SACHIN PATEL	AGE: 45 YRS	SEX: F
REF. BY : ----	DATE: 09/12/2023	

USG WHOLE ABDOMEN

LIVER: Liver is normal in size with mild generalized increase in parenchymal echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any 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: 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.

UTERUS: Uterus is anteverted, normal in size for age. **Small fibroid is seen in fundal region measuring 2 x 1 cm.** Uterine myometrium shows homogenous echotexture. Endometrium is normal in thickness and measures 8 mm. Cervix appears normal.

OVARIES: Both ovaries appear normal in size and echotexture. Bilateral adnexa is clear.

No free fluid or obvious significant lymphadenopathy is seen.

Opinion:

- Grade I fatty infiltration of liver,
- Small fundal fibroid.

For clinical correlation and follow up.

Dr. Vikrant Patil, MD
Consultant Radiologist
Reg no. 2014052421

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. Patient was explained in detail verbally about the USG findings, USG measurements and its limitations. In case of any typographical error in the report, patient is requested to immediately contact the center for rectification within 7 days post which the center will not be responsible for any rectification. Please interpret accordingly.



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 14:18

Use a QR Code Scanner
Application To Scan the Code

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

CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	12.1	12.0-15.0 g/dL	Spectrophotometric
RBC	5.19	3.8-4.8 mil/cmm	Elect. Impedance
PCV	37.0	36-46 %	Calculated
MCV	71.4	81-101 fl	Measured
MCH	23.3	27-32 pg	Calculated
MCHC	32.6	31.5-34.5 g/dL	Calculated
RDW	16.2	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	7500	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	31.3	20-40 %	
Absolute Lymphocytes	2347.5	1000-3000 /cmm	Calculated
Monocytes	6.1	2-10 %	
Absolute Monocytes	457.5	200-1000 /cmm	Calculated
Neutrophils	51.2	40-80 %	
Absolute Neutrophils	3840.0	2000-7000 /cmm	Calculated
Eosinophils	11.1	1-6 %	
Absolute Eosinophils	832.5	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	22.5	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	263000	150000-410000 /cmm	Elect. Impedance
MPV	9.4	6-11 fl	Measured
PDW	17.9	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
Hypochromia	Mild		
Microcytosis	+		



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 12:48

Use a QR Code Scanner
Application To Scan the Code

Macrocytosis	-
Anisocytosis	Mild
Poikilocytosis	Mild
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	Elliptocytes-occasional
WBC MORPHOLOGY	-
PLATELET MORPHOLOGY	-
COMMENT	Eosinophilia

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 42 2-20 mm at 1 hr. Sedimentation

Clinical Significance: The erythrocyte sedimentation rate (ESR), also called a sedimentation rate is the rate red blood cells sediment in a period of time.

Interpretation:

Factors that increase ESR: Old age, Pregnancy, Anemia

Factors that decrease ESR: Extreme leukocytosis, Polycythemia, Red cell abnormalities- Sickle cell disease

Limitations:

- It is a non-specific measure of inflammation.
- The use of the ESR as a screening test in asymptomatic persons is limited by its low sensitivity and specificity.

Reflex Test: C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.

Reference:

- Pack Insert
- Brigden ML. Clinical utility of the erythrocyte sedimentation rate. American family physician. 1999 Oct 1;60(5):1443-50.

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

*** End Of Report ***



Dr. Vrushi Shroff

Dr.VRUSHALI SHROFF
M.D.(PATH)
Pathologist



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code
Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 19:16

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	95.0	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	70.3	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 Borivali Lab, Borivali West
*** End Of Report ***



Bmhasakar

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



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 12:43

Use a QR Code Scanner
Application To Scan the Code

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
BLOOD UREA, Serum	21.1	12.8-42.8 mg/dl	Kinetic
BUN, Serum	9.9	6-20 mg/dl	Calculated
CREATININE, Serum	0.76	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	98	(ml/min/1.73sqm) Normal or High: Above 90 Mild decrease: 60-89 Mild to moderate decrease: 45-59 Moderate to severe decrease: 30-44 Severe decrease: 15-29 Kidney failure: <15	Calculated

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation w.e.f 16-08-2023

TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	3.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	3.4	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.1	1 - 2	Calculated
URIC ACID, Serum	5.2	2.4-5.7 mg/dl	Enzymatic
PHOSPHORUS, Serum	3.9	2.7-4.5 mg/dl	Molybdate UV
CALCIUM, Serum	8.4	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	137	135-148 mmol/l	ISE
POTASSIUM, Serum	4.7	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	101	98-107 mmol/l	ISE

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***



Bmhasakar

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



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code
Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 12:34

MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO
GLYCOSYLATED HEMOGLOBIN (HbA1c)

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

Note: Variant window detected. In view of variant window, Hb electrophoresis is recommended to

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 Borivali Lab, Borivali West
*** End Of Report ***

Bmhasakar

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



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner
Application To Scan the Code
Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 17:30

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	5.0	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	
Epithelial Cells / hpf	2-3		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	+(>20/hpf)	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 inert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***



Bmhasakar

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



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner
Application To Scan the Code
Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 14:58

MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/2D ECHO
BLOOD GROUPING & Rh TYPING

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	A
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

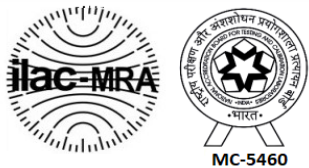
Limitations:

- 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.

References:

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

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



S. Sakhare
Dr.SUHAS SAKHARE
M.D. (PATH)
Pathologist



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code
Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 12:43

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	240.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	129.0	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	48.6	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	191.4	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	165.0	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	26.4	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.9	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.4	0-3.5 Ratio	Calculated

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***



Bmhasakar

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



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Use a QR Code Scanner Application To Scan the Code
Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 13:59

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	4.4	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	17.7	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	2.94	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0 mIU/ml	ECLIA



Use a QR Code Scanner
Application To Scan the Code

CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 13:59

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 becuae 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 Borivali Lab, Borivali West

*** End Of Report ***



Bmhasakar

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



CID : 2334320521
Name : MRS.SHITAL SACHIN PATEL
Age / Gender : 45 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 09-Dec-2023 / 09:11
Reported : 09-Dec-2023 / 12:43

Use a QR Code Scanner
Application To Scan the Code

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.28	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.12	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.16	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	3.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	3.4	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.1	1 - 2	Calculated
SGOT (AST), Serum	18.1	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	24.9	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	12.1	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	62.5	35-105 U/L	Colorimetric

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***



Bmhasakar

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