

# SUBURBAN DIAGNOSTICS - KANDIVALI EAST

Patient ID: Patient Name: NIHARIKA SATYARATHI 2205031225

Date and Time: 19th Feb 22 1:20 PM

years months days

51 kg

120/80 mmHg

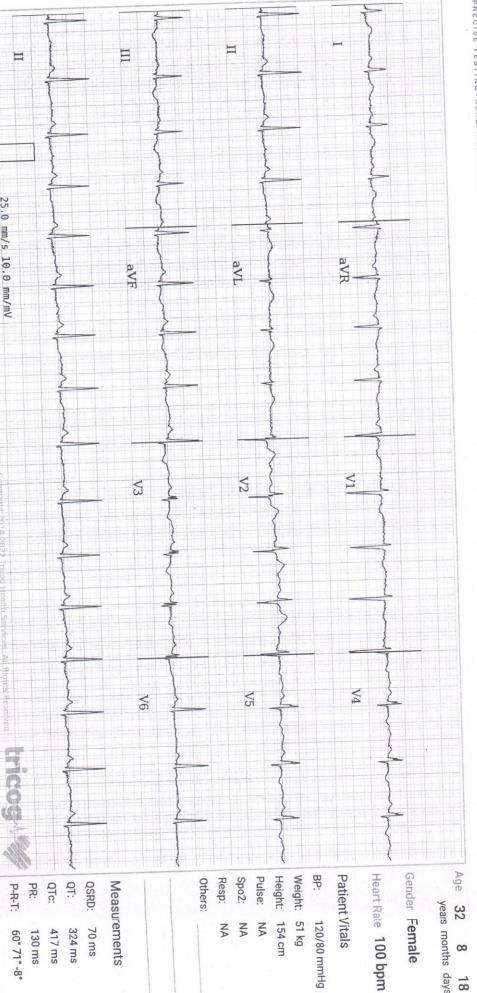
NA 154 cm

NA

32

œ

18



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. normal variant in females, however, please rule out ischemia. Please correlate clinically. ECG Within Normal Limits: Sinus Rhythm, Normal Axis. T wave inversions in anterior chest leads is

25.0 mm/s 10.0 mm/mV

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REPORTED BY

417 ms

60° 71° -8° 130 ms

70 ms 324 ms

MBBS.MD. MEDICINE, DNB Cardiology DR AKHIL PARULEKAR 2012082483



Date: 19 2 2

E

CID: Sex/Age: 22

Name: - Mrs. Niharika Sodyarathi

# **EYE CHECK UP**

Chief complaints: Partine chauf

Systemic Diseases: NO HO ST

Past history: No Ho Oculer expany

Unaided Vision:

6/6

**Aided Vision:** 

Refraction:

(Left Eye) (Right Eve)

(Right Eye)				(201			
		Axis	Vn	Sph	Cyl	Axis	Vn
+	-20-	180	616	=	550	180	616
			216				10/6
	Sph	Sph Cyl	Sph Cyl Axis	Sph Cyl Axis Vn	Sph Cyl Axis Vn Sph	Sph Cyl Axis Vn Sph Cyl	Sph Cyl Axis Vn Sph Cyl Axis

Colour Vision: Normal / Abnormal

Remark: Vn within normal limit

KAJAL NAGRECHA

SUBURBAN DIACNOSTICS (INDIA) PVT. LTD.

Row House No. 3, Aangan, Thakur Village, Kandivali (east), Mumbai - 400101.

Tel: 61700000

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

HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343



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CID

: 2205031225

Name

: Mrs NIHARIKA SATYARATHI

Age / Sex

: 32 Years/F

Ref. Dr

Reg. Location: Kandivali East Main Centre

Reg. Date Reported

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: 19-Feb-2022 / 10:30 : 19-Feb-2022 / 11:54

# **USG WHOLE ABDOMEN**

### LIVER:

The liver is normal in size (12.8 cm) shape and smooth margins. It shows normal parenchymal echo pattern. The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein measures 12 mm and CBD appears measures 3.6 mm. The main portal vein and CBD appears normal.

### GALL BLADDER:

The gall bladder is physiologically distended and appears normal. No evidence of gall stones or mass lesions seen

The pancreas is well visualised and appears normal. No evidence of solid or cystic mass lesion.

### KIDNEYS:

Right kidney measures 9.0 x 4.0 cm. Left kidney measures 9.4 x 4.7 cm.

A 6.6 mm sized solitary non obstructive calculus noted at mid pole of left kidney.

Both the kidneys are normal in size shape and echotexture.

No evidence of any hydronephrosis or mass lesion seen.

### SPLEEN:

The spleen is normal in size (8.6 cm) and echotexture. No evidence of focal lesion is noted.

There is no evidence of any lymphadenopathy or ascites.

### **URINARY BLADDER:**

The urinary bladder is well distended and reveal no intraluminal abnormality.

### **UTERUS**:

The uterus is anteverted and appears normal. It measures 7.8 x 4.7 x 3.3 cm in size.

The endometrial thickness is 5.8 mm.

### **OVARIES:**

Both the ovaries are well visualised and appears normal.

There is no evidence of any ovarian or adnexal mass seen.

Right ovary =  $2.8 \times 1.6 \text{ cm}$  Left ovary =  $2.9 \times 1.5 \text{ cm}$ 

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Page 1 of 2



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Е

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Reported

: 19-Feb-2022 / 10:30 : 19-Feb-2022 / 11:54

**IMPRESSION:-**

Left renal solitary non obstructive calculus.

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

This report is prepared and physically checked by Dr Akash Chhari before dispatch.

DR. Akash Chhari MBBS. MD. Radio-Diagnosis Mumbai MMC REG NO - 2011/08/2862

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CID

: 2205031225

Name

: Mrs NIHARIKA SATYARATHI

Age / Sex

: 32 Years/Female

Ref. Dr

Reg. Location: Kandivali East Main Centre

Reg. Date

Reported

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: 19-Feb-2022 / 14:43

## 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. FAIZUR KHILJI before dispatch.

Dr.FAIZUR KHILJI MBBS, RADIO DIAGNOSIS Reg No-74850 Consultant Radiologist

Click here to view images http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022021910301555

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CID#

: 2205031225

SID#

: 177804786353

Name

: MRS.NIHARIKA SATYARATHI

Registered

: 19-Feb-2022 / 10:29

Age / Gender : 32 Years/Female

Collected

: 19-Feb-2022 / 10:29

Consulting Dr. : -

Reg.Location : Kandivali East (Main Centre)

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: 20-Feb-2022 / 09:07 : 20-Feb-2022 / 13:07

### PHYSICAL EXAMINATION REPORT

### **History and Complaints:**

15% inferlity

## **EXAMINATION FINDINGS:**

Height (cms):

154 cms

Weight (kg):

51 kgs

Temp (0c):

Afebrile

Skin:

Normal

Blood Pressure (mm/hg): 120/80

Nails:

Normal

Pulse:

72/min

Lymph Node:

Not Palpable

Page:1 of 2

### **Systems**

Cardiovascular: Normal

Respiratory:

Normal

Genitourinary:

Normal

GI System:

Normal

CNS:

Normal

IMPRESSION:

ECG - T. Ware inversion in Ant leach USG - Wo renal solitary non obsanch Calculus

ADVICE:

Sugrical Opman Cardiologuet "

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Reg.Location : Kandivali East (Main Centre)

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: 20-Feb-2022 / 13:07

# CHIEF COMPLAINTS:

1)	Hypertension:	No
2)	IHD	No
3)	Arrhythmia	
4)	Diabetes Mellitus	No
5)	Tuberculosis	No
6)	Asthama	No
7)	Pulmonary Disease	No
		No
0)	Thyroid/ Endocrine disorders	No
9)	Nervous disorders	No
	GI system	No
11)	Genital urinary disorder	No
12)	Rheumatic joint diseases or symptoms	No
13)	Blood disease or disorder	No
14)	Cancer/lump growth/cyst	37
15)	Congenital disease	No
	Surgeries	No
53		No
17)	Musculoskeletal System	No

## PERSONAL HISTORY:

1)	Alcohol	N.
2)		No
,	9	No
3)	Diet	Veg
4)	Medication	0
,		No

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

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD. Row House No. 3, Aangan, Thakur Village, Kandivali (east), Mumbai - 400101.

Tel: 61700000

Dr. Jagruti Dhale Consultant Physician Reg. No. 69548

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# SUBURBAN DIAGNOSTICS (I) PVT LTD THAKUR VILLAGE

Patient Details Date: 19-Feb-22 Time: 2:35:56 PM

Name: MRS NIHARIKA SATYARATHI ID: 2205031225

Age: 32 y Sex: F Height: 154 cms Weight: 57 Kgs

Clinical History: NIL

Medications: NIL

**Test Details** 

Protocol: Bruce Pr.MHR: 188 bpm THR: 169 (90 % of Pr.MHR) bpm

Total Exec. Time: 7 m 7 s Max. HR: 188 ( 100% of Pr.MHR )bpm Max. Mets: 10.20

Max. BP: 150 / 80 mmHg Max. BP x HR: 28200 mmHg/min Min. BP x HR: 8720 mmHg/min

Test Termination Criteria: THR ACHIEVED

### **Protocol Details**

Stage Name	Stage Time (min : sec)	Mets	Speed (mph)	Grade (%)	Heart Rate (bpm)	Max. BP (mm/Hg)	Max. ST Level (mm)	Max. ST Slope (mV/s)
Supine	0:17	1.0	0	0	115	120 / 80	-0.42 aVR	0.71 II
Standing	0:44	1.0	0	0	110	120 / 80	-4.46 V2	5.66 V3
Hyperventilation	0:10	1.0	0	0	109	120 / 80	-0.64 III	1.77 V2
1	3:0	4.6	1.7	10	147	130 / 80	-5.73	-5.66 V1
2	3:0	7.0	2.5	12	134	140 / 80	-2.55 V4	4.60 V5
Peak Ex	1:7	10.2	3.4	14	188	150 / 80	-2.55 V4	3.89 V2
Recovery(1)	1;0	1.8	1	0	147	150 / 80	-0.85 (11	3.89 V2
Recovery(2)	1:0	1.0	0	0	136	140 / 80	-0.85 aVR	3.89 V2
Recovery(3)	1:0	1.0	0	0	124	120 / 80	-0.42 III	2.12 V2
Recovery(4)	0:5	1.0	0	0	124	120 / 80	-0.42	-0.71 aVR

### Interpretation

The patient exercised according to the Bruce protocol for 7 m 7 s achieving a work level of Max. METS: 10.20. Resting heart rate initially 115 bpm, rose to a max, heart rate of 188 ( 100% of Pr.MHR) bpm. Resting blood Pressure 120 / 80 mmHg, rose to a maximum blood pressure of 150 / 80 mmHg.

Moderate Effort Tolerance

Normal chronotropic and ionotropic response during exercise and recovery

No significant STT changes as compared to Baseline.

No Chest pain/ Arrhythmias noted during the test.

IMPRESSION:

Stress Test is Negative for Stress Induced Ischemia.

DR. SNEHA SHETTY

CONSULTANT - CARDIOLOGIS

REGD. No. 2008030660

Disclaimer: Negative stress test does not rule out Coronary Artery Diseases.

Positive Stress Test is suggestive but not confirmatory of Coronary Artery Disease

Hence clinical correlation is mandatory

Ref. Doctor: AERFOCAMI
(Summary Report edited by user)

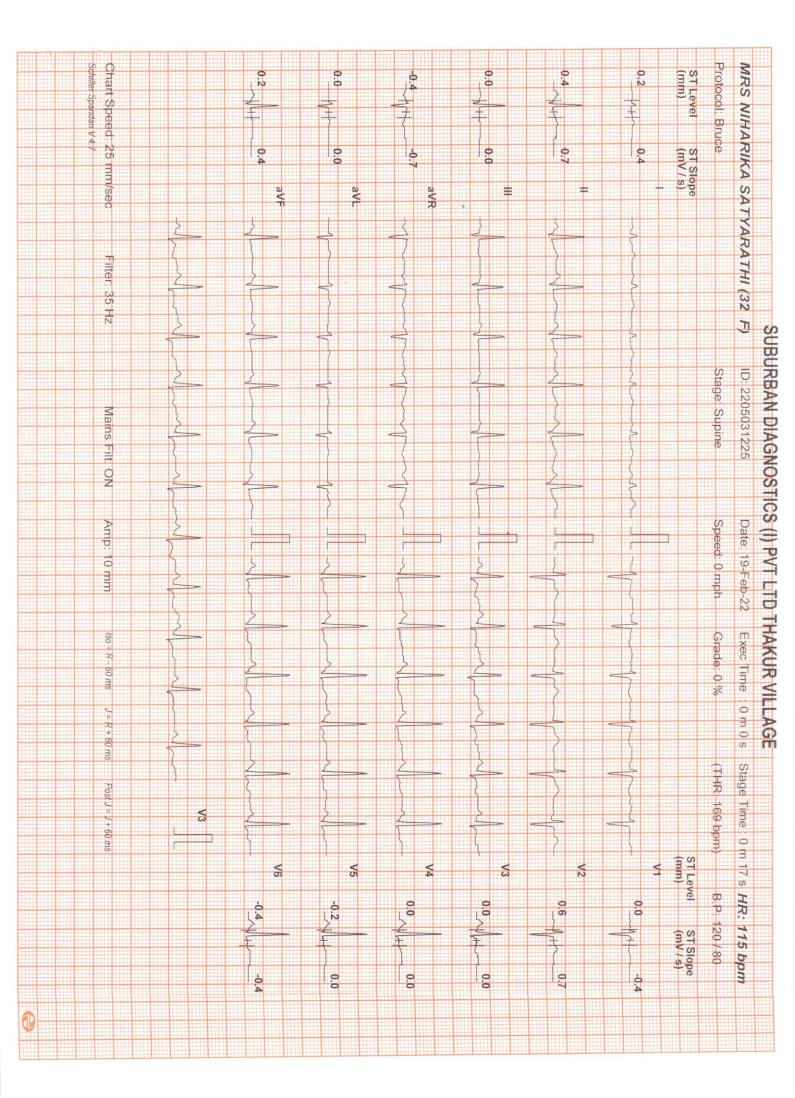
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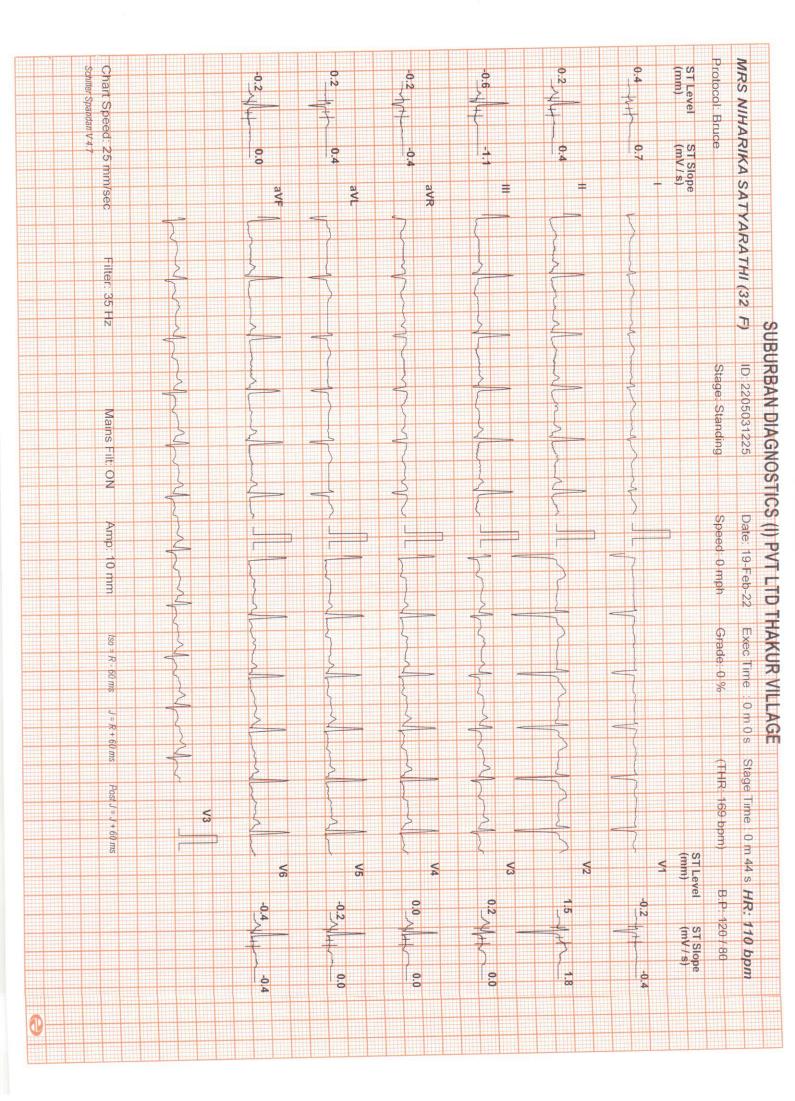
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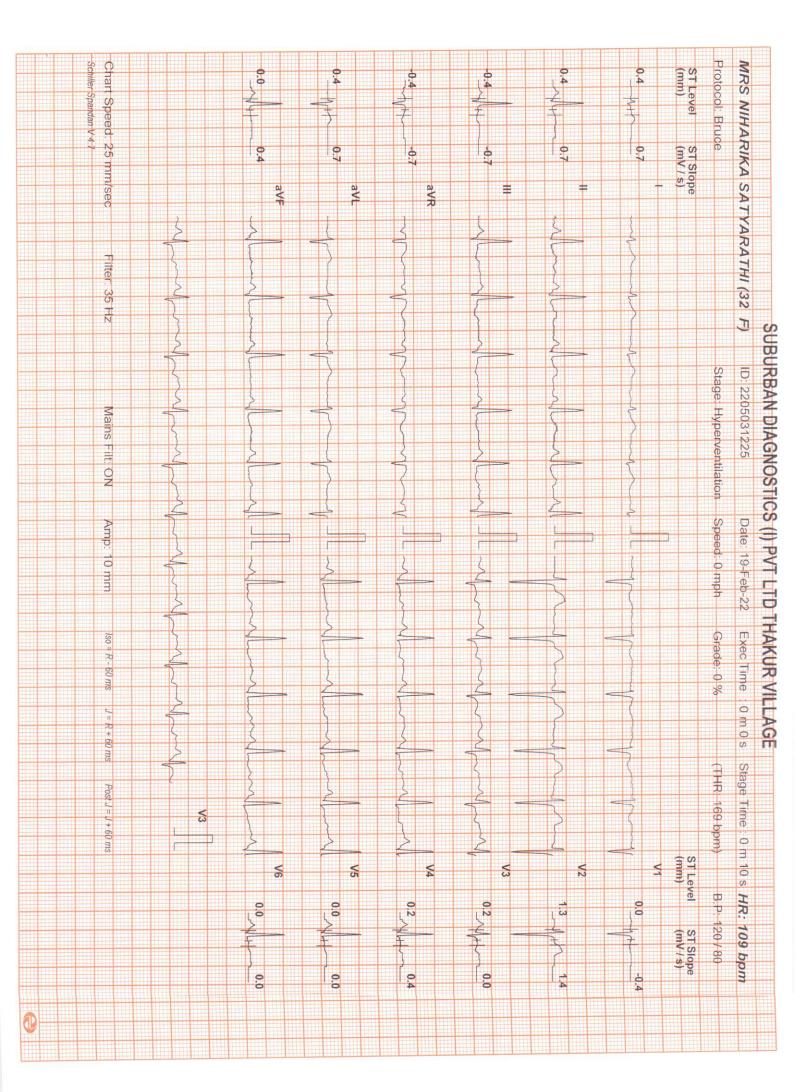
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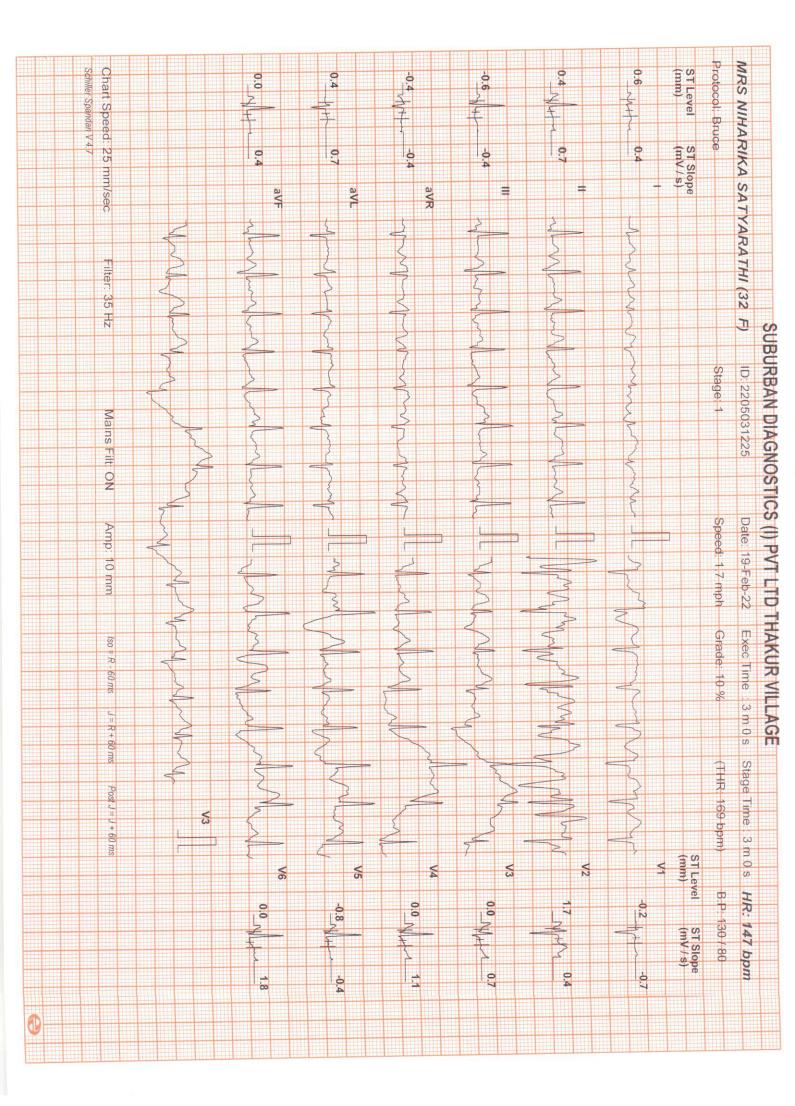
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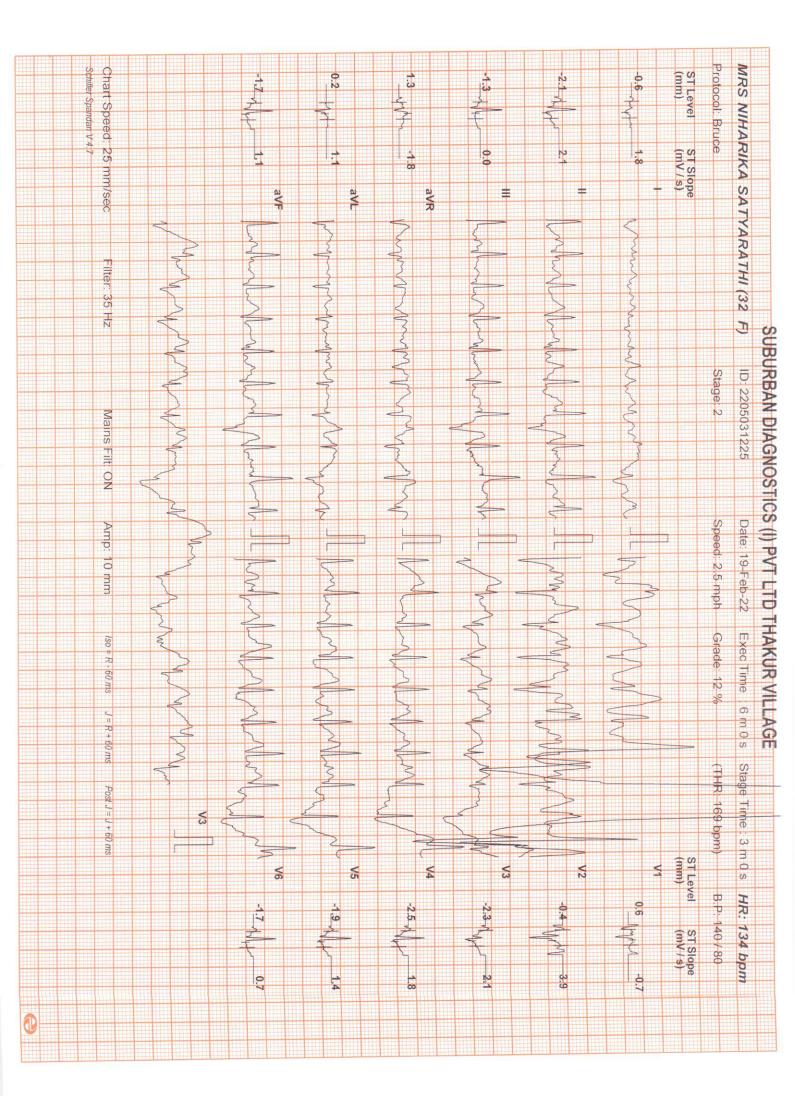
Mumbai - 400101.



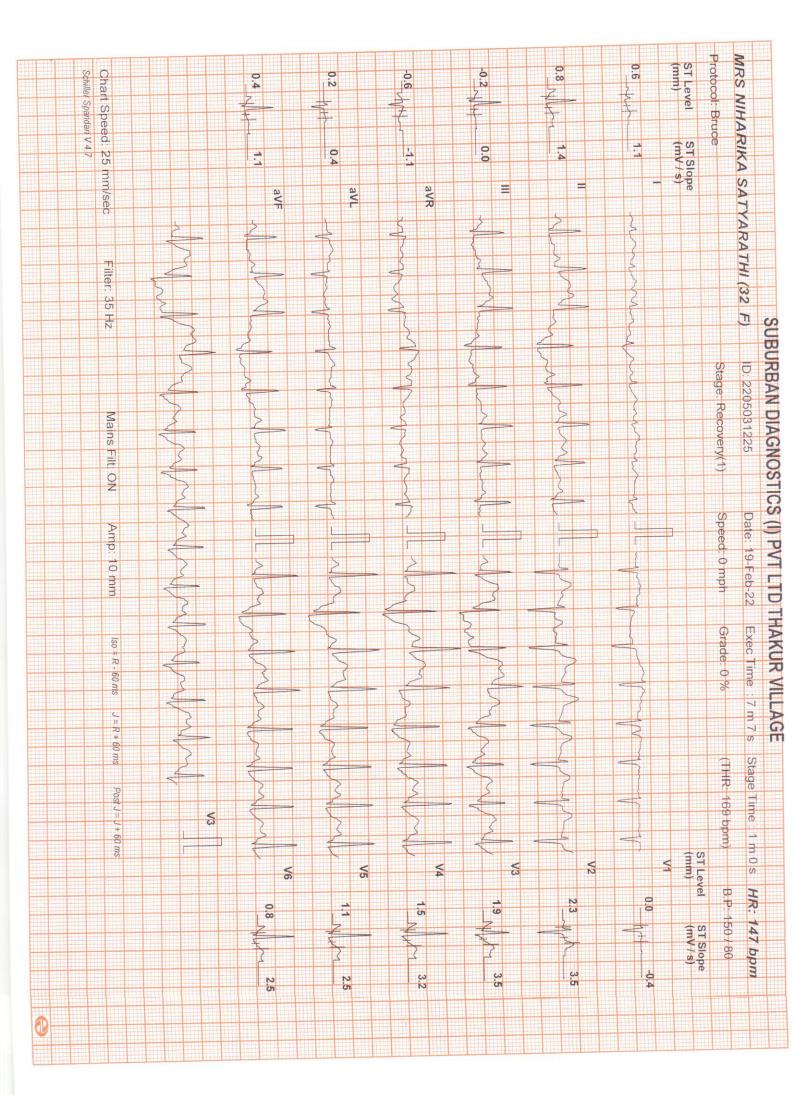


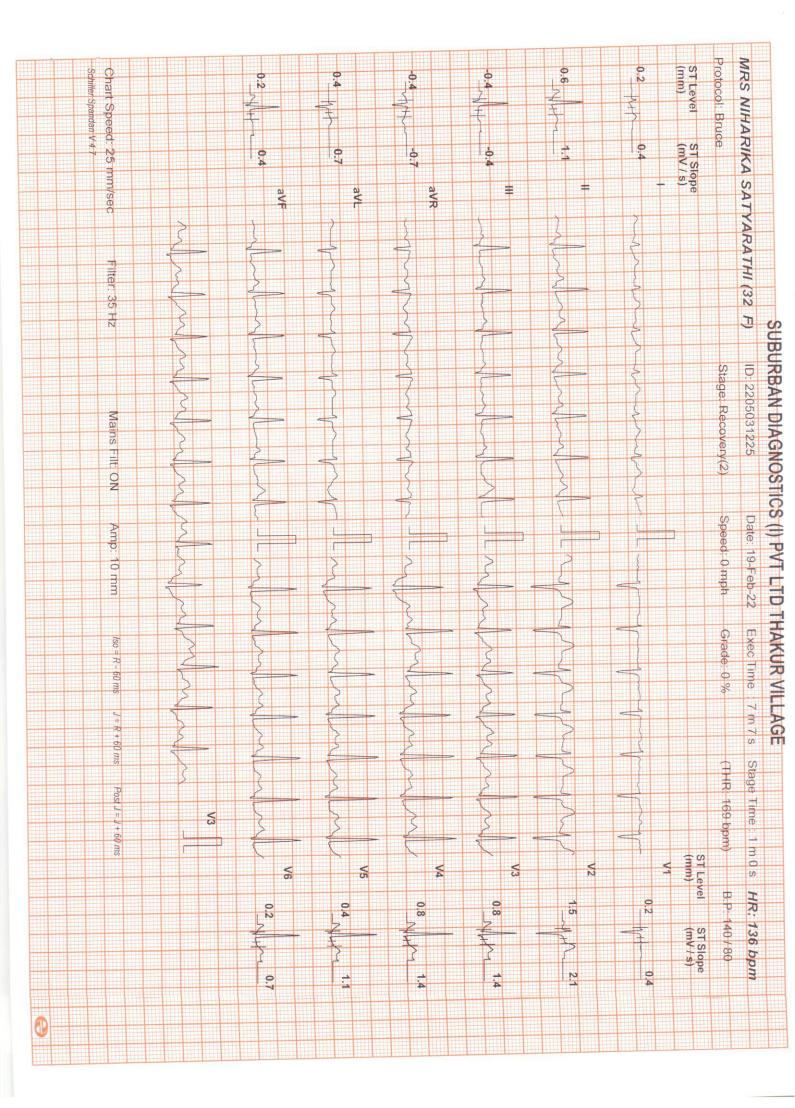


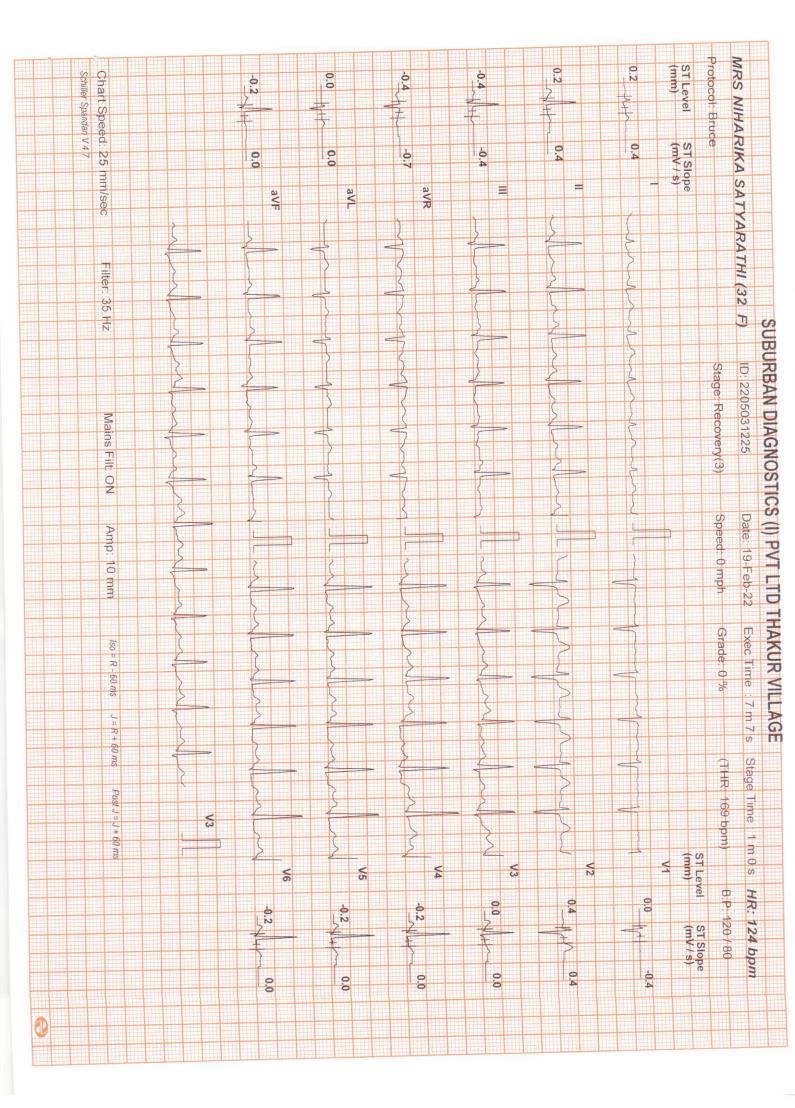




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Name : MRS.NIHARIKA SATYARATHI

Age / Gender : 32 Years / Female

Consulting Dr. :-

Reg. Location : Kandivali East (Main Centre)



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Reported

: 19-Feb-2022 / 10:28

:19-Feb-2022 / 15:05

### **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

CBC (Complete Blood Count), Blood					
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>		
RBC PARAMETERS					
Haemoglobin	13.3	12.0-15.0 g/dL	Spectrophotometric		
RBC	4.31	3.8-4.8 mil/cmm	Elect. Impedance		
PCV	39.8	36-46 %	Measured		
MCV	92	80-100 fl	Calculated		
MCH	30.8	27-32 pg	Calculated		
MCHC	33.3	31.5-34.5 g/dL	Calculated		
RDW	14.0	11.6-14.0 %	Calculated		
WBC PARAMETERS					
WBC Total Count	4800	4000-10000 /cmm	Elect. Impedance		
WBC DIFFERENTIAL AND ABSO	LUTE COUNTS				
Lymphocytes	24.5	20-40 %			
Absolute Lymphocytes	1176.0	1000-3000 /cmm	Calculated		
Monocytes	3.7	2-10 %			
Absolute Monocytes	177.6	200-1000 /cmm	Calculated		
Neutrophils	70.5	40-80 %			
Absolute Neutrophils	3384.0	2000-7000 /cmm	Calculated		
Eosinophils	1.3	1-6 %			
Absolute Eosinophils	62.4	20-500 /cmm	Calculated		
Basophils	0.0	0.1-2 %			
Absolute Basophils	0.0	20-100 /cmm	Calculated		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

### **PLATELET PARAMETERS**

Platelet Count	153000	150000-400000 /cmm	Elect. Impedance
MPV	11.9	6-11 fl	Calculated
PDW	23.0	11-18 %	Calculated

### **RBC MORPHOLOGY**

Immature Leukocytes

Hypochromia	-
Microcytosis	_

Page 1 of 11

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Name : MRS.NIHARIKA SATYARATHI

: 32 Years / Female Age / Gender

Consulting Dr. Collected : 19-Feb-2022 / 10:28

Reported :19-Feb-2022 / 13:33 : Kandivali East (Main Centre) Reg. Location

Macrocytosis

Anisocytosis

Poikilocytosis

Polychromasia

**Target Cells** 

Basophilic Stippling

Normoblasts

Others Normocytic, Normochromic

**WBC MORPHOLOGY** 

PLATELET MORPHOLOGY Megaplatelets seen on smear

**COMMENT** 

Specimen: EDTA Whole Blood

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

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









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Age / Gender : 32 Years / Female

Consulting Dr. : -

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**Reported** :19-Feb-2022 / 17:03

### **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	97.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	108.6	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.45	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.2	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.25	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.4	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.8	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.6	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.8	1 - 2	Calculated
SGOT (AST), Serum	17.0	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	10.2	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	8.2	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	82.6	35-105 U/L	Colorimetric
BLOOD UREA, Serum	14.4	12.8-42.8 mg/dl	Kinetic
BUN, Serum	6.7	6-20 mg/dl	Calculated
CREATININE, Serum	0.66	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	110	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	4.5	2.4-5.7 mg/dl	Enzymatic

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Age / Gender : 32 Years / Female

Consulting Dr. : -

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:19-Feb-2022 / 14:56

:19-Feb-2022 / 19:43

Urine Sugar (Fasting)AbsentAbsentUrine Ketones (Fasting)AbsentAbsent

Urine Sugar (PP) Absent Absent Urine Ketones (PP) Absent Absent

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







Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab
Director

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

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Name : MRS.NIHARIKA SATYARATHI

Age / Gender : 32 Years / Female

Consulting Dr. Collected : 19-Feb-2022 / 10:28

Reported :19-Feb-2022 / 16:03 Reg. Location : Kandivali East (Main Centre)



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### **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c)**

### **BIOLOGICAL REF RANGE PARAMETER RESULTS** METHOD

Glycosylated Hemoglobin **HPLC** 5.3 Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC

Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %

Estimated Average Glucose 105.4 mg/dl Calculated

(eAG), EDTA WB - CC

### 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 \*\*\*







**Dr.MEGHA SHARMA** M.D. (PATH), DNB (PATH) **Pathologist** 

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: 32 Years / Female Age / Gender

Consulting Dr.

: Kandivali East (Main Centre) Reg. Location



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: 19-Feb-2022 / 10:28 :20-Feb-2022 / 12:49

### **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE EXAMINATION OF FAECES**

### **BIOLOGICAL REF RANGE RESULTS PARAMETER**

### PHYSICAL EXAMINATION

Colour Brown Brown Form and Consistency Semi Solid Semi Solid Mucus Absent Absent Blood Absent Absent

**CHEMICAL EXAMINATION** 

Reaction (pH) Acidic (5.0)

Occult Blood **Trace** Absent

### **MICROSCOPIC EXAMINATION**

Protozoa Absent Absent Flagellates **Absent** Absent Ciliates Absent Absent **Parasites** Absent Absent Macrophages Absent Absent Mucus Strands Absent Absent Fat Globules Absent Absent RBC/hpf Absent Absent WBC/hpf Absent Absent Yeast Cells Absent **Absent Undigested Particles** Present + Concentration Method (for ova) No ova detected Absent Reducing Substances Absent







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

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<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West \*\*\* End Of Report \*\*\*



Name : MRS.NIHARIKA SATYARATHI

: 32 Years / Female Age / Gender

Consulting Dr. Collected

Reported :19-Feb-2022 / 17:36 Reg. Location : Kandivali East (Main Centre)

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### **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE** LIRINF FXAMINATION REPORT

ORINE EXAMINATION REPORT					
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>		
PHYSICAL EXAMINATION					
Color	Pale yellow	Pale Yellow	-		
Reaction (pH)	6.0	4.5 - 8.0	Chemical Indicator		
Specific Gravity	1.005	1.001-1.030	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 0-1

Casts Absent Absent Crystals **Absent Absent** Amorphous debris Absent Absent

Bacteria / hpf 10-12 Less than 20/hpf

Others







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

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

HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West \*\*\* End Of Report \*\*



Name : MRS.NIHARIKA SATYARATHI

Age / Gender : 32 Years / Female

Consulting Dr. : - Collected : 19-Feb-2022 / 10:28

Reg. Location: Kandivali East (Main Centre) Reported: 19-Feb-2022 / 16:21

# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

<u>PARAMETER</u> <u>RESULTS</u>

ABO GROUP B

Rh TYPING POSITIVE

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

### Refernces:

- 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 CPL, Andheri West
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Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP( Medical Services)

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HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

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Name : MRS.NIHARIKA SATYARATHI

Age / Gender : 32 Years / Female

Consulting Dr. : -

Reg. Location : Kandivali East (Main Centre)



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# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	192.5	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	93.3	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	66.0	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	126.5	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	108.0	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	18.5	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	2.9	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.6	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
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Dr.SHASHIKANT DIGHADE M.D. (PATH) Pathologist

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

HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343



Name : MRS.NIHARIKA SATYARATHI

Age / Gender : 32 Years / Female

Consulting Dr. : -

**Reg. Location**: Kandivali East (Main Centre)



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**Reported** :19-Feb-2022 / 13:27

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# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
Free T3, Serum	4.3	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	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



Name : MRS.NIHARIKA SATYARATHI

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Consulting Dr. : - Collected :19-Feb-2022 / 10:28

Reg. Location : Kandivali East (Main Centre) Reported :19-Feb-2022 / 13:27



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 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)







Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab
Director

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