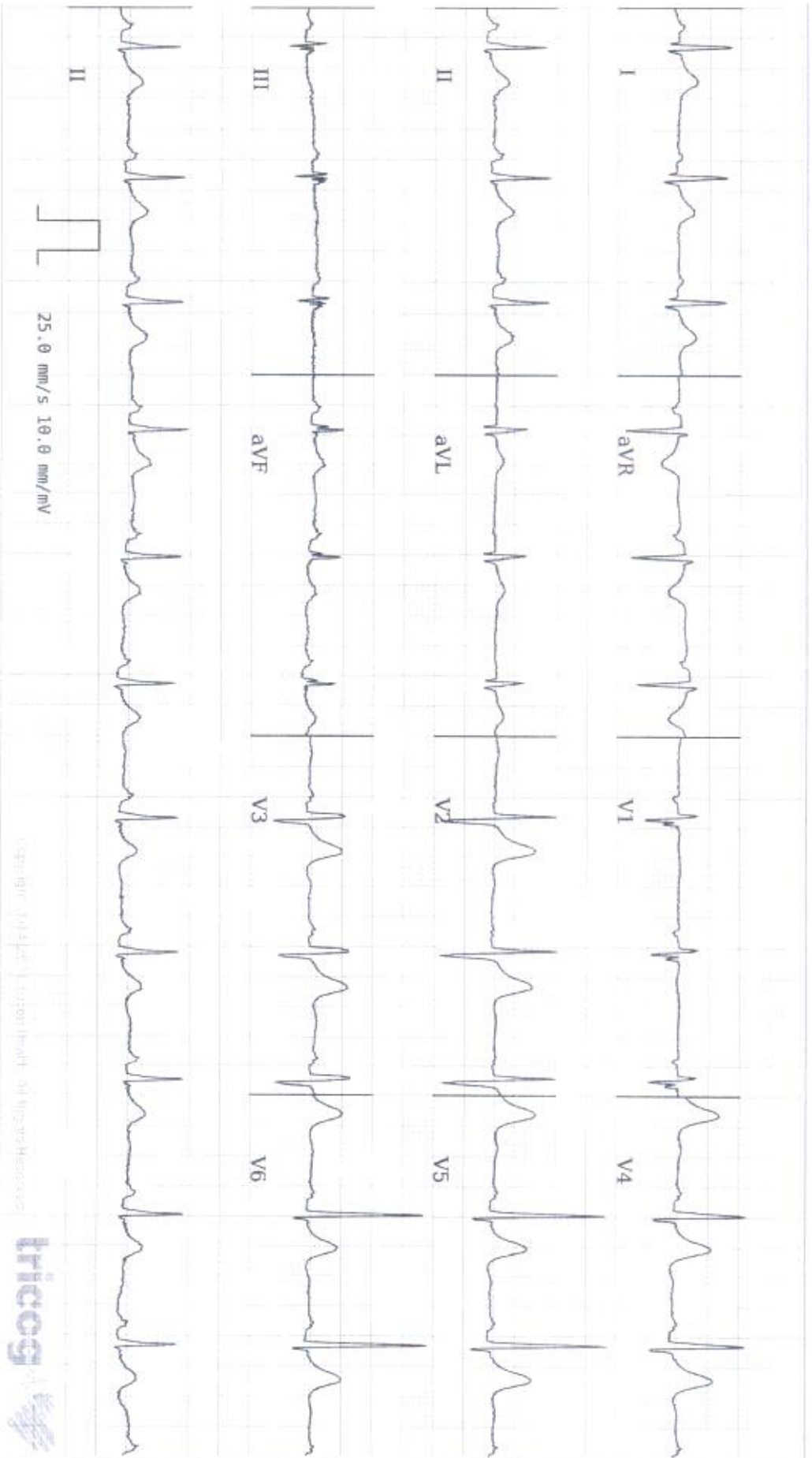


Patient Name: SAURAV KUMAR
Patient ID: 2304222523

SUBURBAN DIAGNOSTICS - KANDIVALI EAST

Date and Time: 11th Feb 23 10:57 AM



Age **37** **1** **11**
years months days

Gender **Male**

Heart Rate **70bpm**

Patient Vitals

BP: 120/80 mmHg

Weight: 79 kg

Height: 172 cm

Pulse: NA

Spo2: NA

Resp: NA

Others:

Measurements

QRSD: 86ms

QT: 364ms

QTc: 393ms

PR: 170ms

P-R-T: 60° 36° 36°

Reported by: Dr. Arhil Parulekar, MD (Internal Medicine), MBBS, DNB (Internal Medicine)



REPORTED BY

Dr. Arhil Parulekar

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

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.

Row House No. 3, Aaregan,

Thakar Vastga, Kandivali (East),

Mumbai - 400104.

Tel : 61709800

DR. ARHIL PARULEKAR
MBBS MD, MEDICINE, DNB (Cardiology)
Cardiologist

2012082403

Authenticity Check



Use a QR Code Scanner
Application To Scan the Code

CID : 2304222523
Name : Mr SAURAV KUMAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 11-Feb-2023
Reported : 11-Feb-2023 / 10:30

USG WHOLE ABDOMEN

LIVER:

The liver is normal in size, shape and smooth margins. It shows **bright** 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 and CBD appears normal.

GALL BLADDER:

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

PANCREAS:

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

KIDNEYS:

Both the kidneys are normal in size shape and echotexture.
No evidence of any calculus, hydronephrosis or mass lesion seen.
Right kidney measures 10.9 x 4.4 cm. Left kidney measures 11.4 x 5.1 cm.

SPLEEN:

The spleen is normal in size 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.

PROSTATE:

The prostate is normal in size and volume is 18 cc.

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023021109422538>

REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2nd Floor, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053.
CENTRAL REFERENCE LABORATORY: Shop No. 9, 101 to 105, Skyline Wealth Space Building, Near Dmart, Premier Road, Vihar Road, Kandivali East - 400086.

HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnosics.com | WEBSITE: www.suburbandiagnosics.com

Corporate Identity Number (CIN): U85110MH2002PTC136144

Authenticity Check



Use a QR Code Scanner
Application To Scan the Code

CID : 2304222523
Name : Mr SAURAV KUMAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 11-Feb-2023
Reported : 11-Feb-2023 / 10:30

IMPRESSION:
Grade I fatty liver.

-----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

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 centre for rectification. Please interpret accordingly. All safety precautions were taken before, during and after the USG examination in view of the ongoing Covid 19 pandemic.

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023021109422538>

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HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnosics.com | WEBSITE: www.suburbandiagnosics.com

Corporate Identity Number (CIN): U85110MH2002PTC136144



CID : 2304222523
Name : Mr SAURAV KUMAR
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 11-Feb-2023
Reported : 11-Feb-2023 / 14:24

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.

Khilji FA

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

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023021109422548>

CID# : 2304222523
 Name : MR.SAURAV KUMAR
 Age / Gender : 37 Years/Male
 Consulting Dr. :
 Reg.Location : Kandivali East (Main Centre)
 Collected : 11-Feb-2023 / 09:41
 Reported : 12-Feb-2023 / 09:42

PHYSICAL EXAMINATION REPORT

History and Complaints:

No

EXAMINATION FINDINGS:

Height (cms):	172 cms	Weight (kg):	79 kgs
Temp (0c):	Afebrile	Skin:	Normal
Blood Pressure (mm/hg):	120/80	Nails:	Normal
Pulse:	80/min	Lymph Node:	Not Palpable

Systems

Cardiovascular: Normal
 Respiratory: Normal
 Genitourinary: Normal
 GI System: Normal
 CNS: Normal

IMPRESSION:

*↓ Platelets, Thrombocytopenia
 - Borderline dyslipidemia
 - USG - fatty liver*

ADVICE:

*- Low fatty diet
 - Reg exercise*

*Repeat - 2 deep
 CRP & Platelets*

CID# : 2304222523
Name : MR.SAURAV KUMAR
Age / Gender : 37 Years/Male
Consulting Dr. :
Reg.Location : Kandivali East (Main Centre)
Collected : 11-Feb-2023 / 09:41
Reported : 12-Feb-2023 / 09:42

CHIEF COMPLAINTS:

- | | |
|--|----|
| 1) Hypertension: | No |
| 2) IHD | No |
| 3) Arrhythmia | No |
| 4) Diabetes Mellitus | No |
| 5) Tuberculosis | No |
| 6) Asthama | No |
| 7) Pulmonary Disease | No |
| 8) Thyroid/ Endocrine disorders | No |
| 9) Nervous disorders | No |
| 10) 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 | No |
| 15) Congenital disease | No |
| 16) Surgeries | No |
| 17) Musculoskeletal System | No |

PERSONAL HISTORY:

- | | |
|---------------|-------|
| 1) Alcohol | No |
| 2) Smoking | No |
| 3) Diet | Mixed |
| 4) Medication | No |

*** End Of Report ***

Dr. Jagruti Dhale
MBBS
Consultant Physician
Reg. No. 69548

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
Row House No. 3, Aashan,
Thakur Village, Kandivali (east),
Mumbai - 400101.
Tel : 61700660

SUBURBAN DIAGNOSTICS KANDIVALI EAST

Report



Exam#:

991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg

Date: 11 / 02 / 2023 11:39:39 AM Refd By : AERCOFEMI Examined By: DR.AKHIL PARULEKAR

Stage	Time	Duration	Speed(Kmph)	Elevation	METS	Rate	% THR	EF	RPP	PVC	Comments
Supine	00:09	0:09	00.0	00.0	01.0	071	39%	120/80	085	00	
Standing	00:48	0:39	00.0	00.0	01.0	078	43%	120/80	093	00	
HV	00:57	0:09	00.0	00.0	01.0	067	37%	120/80	080	00	
ExStart	01:18	0:21	00.0	00.0	01.0	088	48%	120/80	105	00	
BRUCE Stage-1	04:18	3:00	02.7	10.0	04.7	109	60%	120/80	130	00	
BRUCE Stage 2	07:18	3:00	04.0	12.0	07.1	133	73%	120/80	159	00	
PeakEx	08:37	1:19	05.5	14.0	08.5	155	85%	150/80	232	00	
Recovery	09:37	1:00	00.2	00.0	01.1	120	66%	150/80	180	00	
Recovery	09:46				00.0	000	0%	---	000	00	

FINDINGS :

Exercise Time : 07:19
 Initial HR (ExStrt) : 88 bpm 48% of Target 183
 Initial BP (ExStrt) : 120/80 (mm/Hg)
 Max WorkLoad Attained : 8.5 Fair response to induced stress
 Duke Treadmill Score : 05.7
 Test End Reasons : Heart Rate Achieved

Max HR Attained 155 bpm 85% of Target 183
 Max BP Attained 150/80 (mm/Hg)

Dr. Akhil P. Parulekar,
 MBBS, MD, Medicine
 DNB, Cardiology
 Reg. No. 2012082483

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.

Plot No. 3, Aaregaon,
 Thakur Village, Kandivali (East),
 Mumbai - 400101.
 Tel : 61700660

Doctor : DR.AKHIL PARULEKAR



Email:

991 / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg Date: 11 / 02 / 2023 11:39:39 AM Refd By : AERCOFEMI

REPORT :

Heart Rate 153.0 bpm

Systolic BP 150.0 mmHg Diastolic BP 80.0 mmHg

Exercise Time 07.19 Mins, Ectopic Beats 0.0

METs 8.5 Test End Reason , Heart Rate Achieved Target Heart Rate 85% of 183

TEST OBJECTIVE	ROUTINE CHECK UP
RISK FACTOR	NONE
ACTIVITY	MODERATE ACTIVE
MEDICATION	NONE
REASON FOR TERMINATION	HEART RATE ACHIEVED
EXERCISE TOLERANCE	GOOD
EXERCISE INDUCED ARRHYTHMIAS	NO
HAEMODYNAMIC RESPONSE	NORMAL
CHRONOTROPIC RESPONSE	NORMAL
FINAL IMPRESSION	NO SIGNIFICANT ST T CHANGES NOTED STRESS TEST IS NEGATIVE FOR EXERCISE INDUCED ISCHAEMIC HEART DISEASE FOR GIVEN DURATION OF EXERCISE

DISCLAIMER Negative stress test does not rule out coronary artery disease. Positive stress test is suggestive but not confirmatory of coronary artery disease. Hence clinical correlation is mandatory.

Dr. Akhil P. Parulekar

MBBS, MD, Medicine

DNB Cardiology

Reg. No. 20120824633

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
10th Floor, No. 3, Aangan,
Trakur Village, Kandivali (East),
Mumbai - 400101.
Tel : 61700600

Doctor : DR. AKHIL PARULEKAR

991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 71

Date: 11 / 02 / 2023 11:39:39 AM METS: 1.0 / 71 bpm 39% of THR BP: 120/80 mmHg PAW ECG/BLC On/Noch On/HR 0.05 Hz/LF 35 Hz

4X 80 mS Pwr J

E-Time: 00:00 0.0 kmph 0.0%
25 mm/Sec 1.0 Cm/mV



REMARKS:



SUBURBAN DIAGNOSTICS KANDIVALI EAST

STANDING (00:39)

991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 78

Date: 11 / 02 / 2023 11:39:39 AM METS: 1.0 / 28 bpm, 43% of THR BP: 120/80 mmHg Raw ECG/BLD On/Noch On/ HF: 0.05 Hz/ALF: 35 Hz

ExTime: 00:00 0.01 mph, 0.0%

4X 80 ms/Lead J

25 mm/Sec 1.0 Cm/mV

ST: 2.9
SP: 1.7

V1: 1.2
V2: 0.9

II: 2.1
III: 3.1

V2: 3.7
V3: 2.1

III: 0.2
IV: 1.4

V3: 2.1
V4: 2.7

avR: 2.2
avL: 2.4

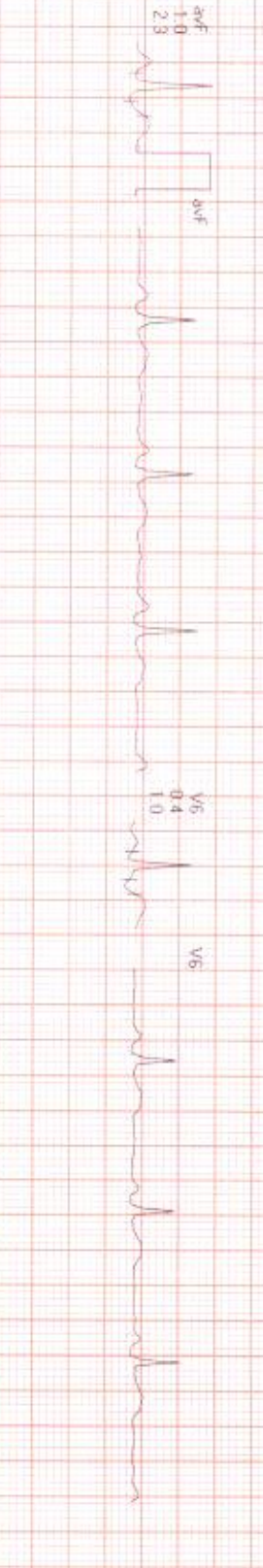
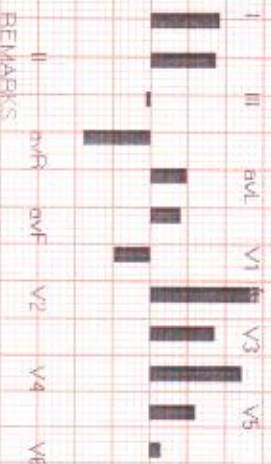
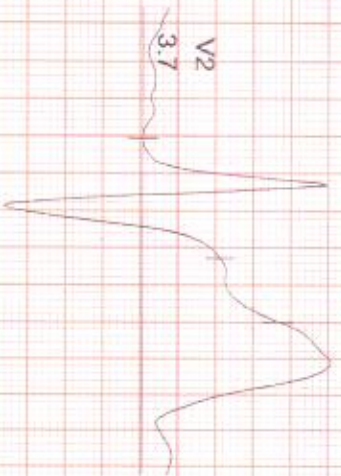
V4: 3.0
V5: 3.0

avL: 1.2
avF: 0.1

V5: 1.5
V6: 1.4

avF: 1.0
V6: 2.3

V6: 0.4
V6: 1.0



REMARKS



SUBURBAN DIAGNOSTICS KANDIVALI EAST

HV (00:09)



991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 67

Date: 11/02/2023 11:39:39 AM METS: 1 0/67 bpm 37% of THR BP: 120/80 mmHg Paw ECG/BLD On/Noch On/ HF 0.05 Hz/LF 3% Hr

ExTime: 00:00 0.0 KmPh: 0.0%

4X 8h rds Post J

25 mm/Sec 1.0 Cm/Div

SI 0.9
SIS 1.1

V1 0.1
V2 0.1

V1



II 1.3
III 1.2

V2 1.5
V3 1.6

V2



III 0.4
aVR 0.2

V3 1.0
V4 1.0

V3



aVR 1.1
aVL 1.2

V4 1.2
V5 0.9

V4



aVL 0.4
aVF 0.4

V5 0.9
V6 0.7

V5



aVF 0.9
V6 0.7

V6 0.8
V7 0.7

V6



REMARKS
I II III aVL V1 V3 V5
II aVR aVF V2 V4 V6





991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 88

Date: 11 / 02 / 2023 11:39:39 AM METS: 1 0/88 bpm 48% of THR BP: 120/80 mmHg Raw ECG/BL C Qw Notch Dn/HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 0.0 Kmph 0.0%

4X

80ms Padj

25mm/sec 1.0cm/10V

ST: 2.0
STs: 1.6

V1: 2.5
V4: 2.4

II: 2.7
III: 1.9

V2: 0.9
V3: 2.2

III: 0.7
aVF: 0.2

V3: 0.3
V4: 1.8

aVR: -2.4
aVL: 1.8

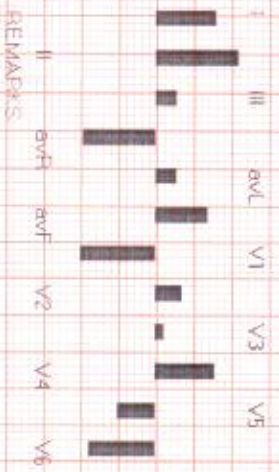
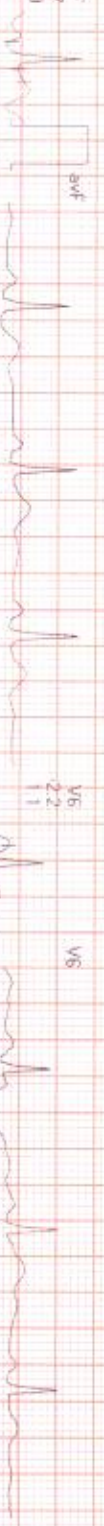
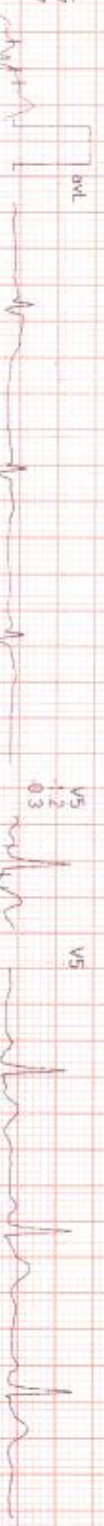
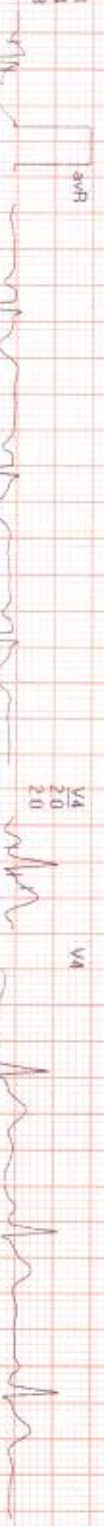
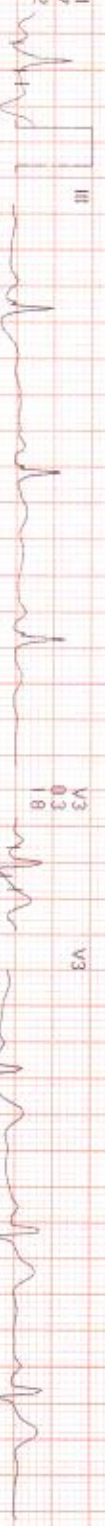
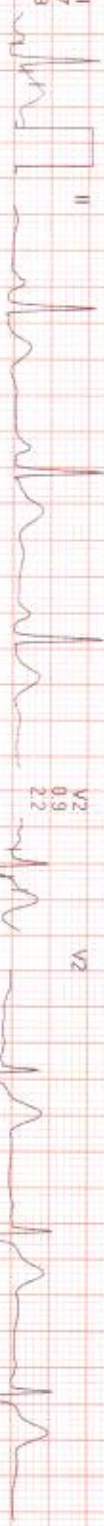
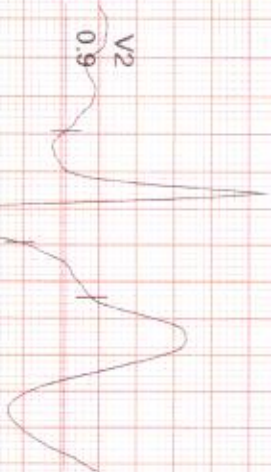
V4: 2.0
V5: 2.0

aVL: 0.7
aVF: 0.7

V5: 1.2
V6: 0.3

aVF: 1.7
aVL: 1.0

V6: 2.2
V6: 1.1



REMARKS



SUBURBAN DIAGNOSTICS KANDIVALI EAST

BRUCE : Stage 1 (03:00)



991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 109

Date 11 / 02 / 2023 11 39 39 AM METS 4 7 / 109 bpm 60% of THR BP 120/80 mmHg Raw ECG/ ELC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime 03:00 2.7 kmph 10.0%

4X

88 ms Post J

25 mm/Sec 1.0 Cm/Div

STL 1.0
STR 1.2

V1 0.3
V2 0.3

V1

II 2.0
III 2.5

V3 1.3
V4 1.2

V2

avL -1.5
avR -1.9

V5 2.1
V6 2.1

V3

avL 0.1
avR -0.1

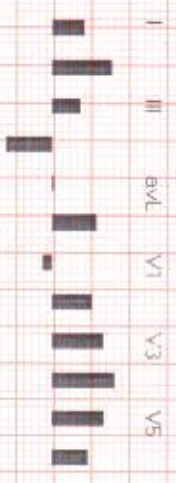
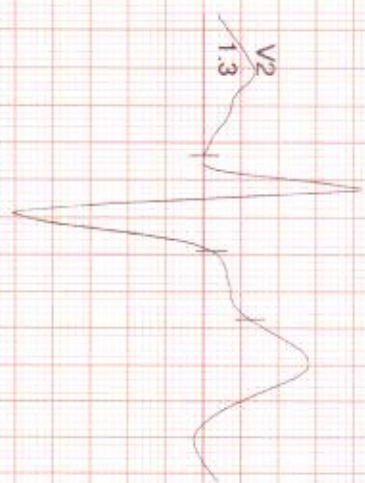
V7 1.7
V8 2.2

V4

avL 1.5
avR 1.9

V9 1.2
V10 1.0

V5



REMARKS:





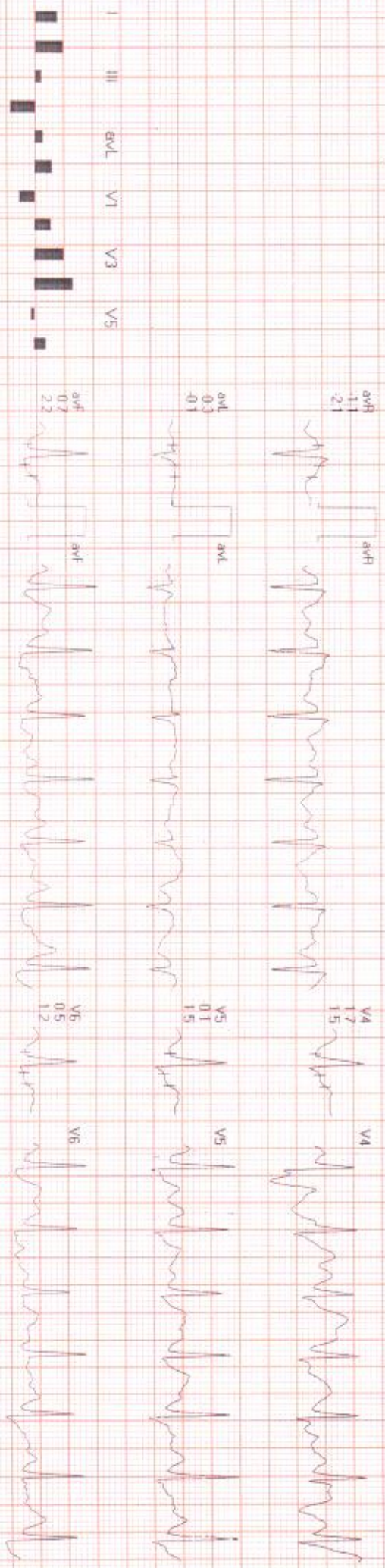
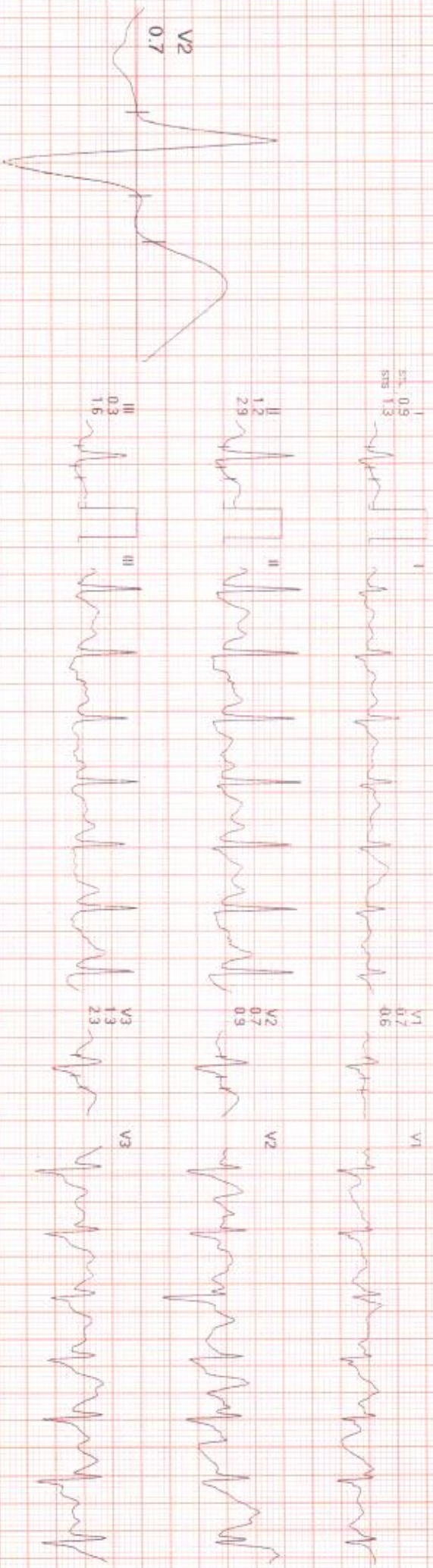
991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 133

Date: 11 / 02 / 2023 11:39:39 AM METS 7.1 / 133 bpm 73% of THR BP 120/80 mmHg Raw ECG/BLC On/Noch On/HF 0.05 Hz/AF 35 Hz

ExTime 06:00 4.0 Km/h 12.0%

4X 50 mS Post J

25 mm/5 sec 1.0 Cm/mV



REMARKS





991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 155

Date: 11/02/2023 11:39:39 AM METS: 8.5/155 bpm 85% of THR BP: 150/80 mmHg Raw ECG/BLC On/Noch On/HF 0.05 Hz/VLF 35 Hz

ExTime: 07:19 5.5 Km/Ph 14.0%

4X 60 min Post J

25 mm/Sec 1.0 Cm/mV

avL 0.7
avR 1.4

V1 0.3
V2 0.0



II 0.0
III 2.6

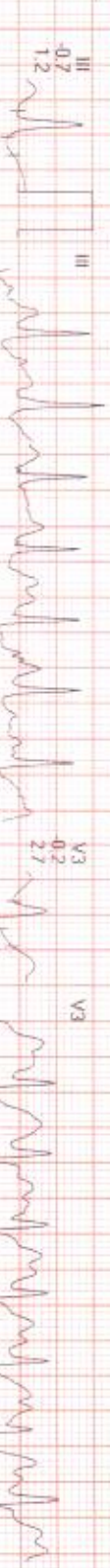
V2 0.4
V3 1.4



V2 0.4

III -0.7
aVR 1.2

V3 -0.2
V4 2.7



avR -0.3
aVL 2.0

V4 -0.2
V5 2.6



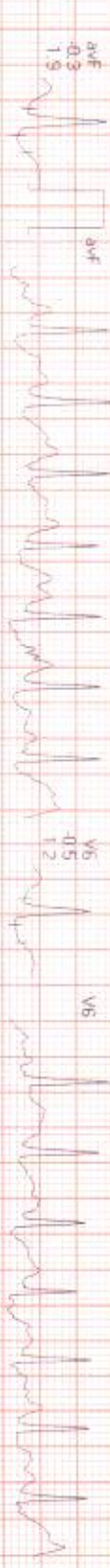
avL 0.7
aVF 0.1

V5 0.2
V6 2.3



avF -0.3
V5 1.9

V6 0.5
V6 1.2



REMARKS
I II III aVR aVL V1 V2 V3 V4 V5 V6



SUBURBAN DIAGNOSTICS KANDIVALI EAST

Recovery : (01:00)

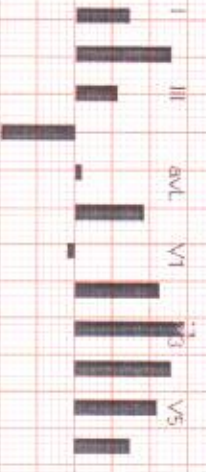


991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR : 120

Date: 11 / 02 / 2023 11:39:39 AM METS: 1 / 120 bpm 66% of THR BP: 150/80 mmHg Raw ECG/BLC: 0mV/Notch On/ HF: 0.05 Hz/AF: 35 Hz

4X 70 m/s Pouch J

ExTime: 07:19 0.21mVp, 0.05%
25 min/Sec: 1.0 Cm/mV



REMARKS



SUBURBAN DIAGNOSTICS KANDIVALI EAST

Recovery : (01:09)



991 (2304222523) / SAURAV KUMAR / 37 Yrs / M / 172 Cms / 79 Kg / HR 115

Date 11 / 02 / 2023 11:39:39 AM METS: 1.0 / 115 bpm 63% of THF BP: 150/80 mmHg Flow ECG/ BLC/On/Notch On/ HF: 0.95 Hz/LF: 35 Hz

4X 70 mS Post J

EXTIME 07:19 0.0kmph 0.0%
25mm/Sec 1.0Cm/Div



REMARKS



CID : 2304222523
Name : MR.SAURAV KUMAR
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 11-Feb-2023 / 09:49
Reported : 11-Feb-2023 / 13:46

Use a QR Code Scanner
Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	15.3	13.0-17.0 g/dL	Spectrophotometric
RBC	5.50	4.5-5.5 mil/cmm	Elect. Impedance
PCV	48.2	40-50 %	Measured
MCV	88	80-100 fl	Calculated
MCH	27.9	27-32 pg	Calculated
MCHC	31.8	31.5-34.5 g/dL	Calculated
RDW	14.7	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	5740	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	35.1	20-40 %	
Absolute Lymphocytes	2014.7	1000-3000 /cmm	Calculated
Monocytes	8.6	2-10 %	
Absolute Monocytes	493.6	200-1000 /cmm	Calculated
Neutrophils	52.9	40-80 %	
Absolute Neutrophils	3036.5	2000-7000 /cmm	Calculated
Eosinophils	2.9	1-6 %	
Absolute Eosinophils	166.5	20-500 /cmm	Calculated
Basophils	0.5	0.1-2 %	
Absolute Basophils	28.7	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	80000	150000-400000 /cmm	Elect. Impedance
MPV	13.0	6-11 fl	Calculated
PDW	29.2	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
Hypochromia	-		
Microcytosis	-		



CID : 2304222523
Name : MR.SAURAV KUMAR
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	106.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	68.4	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	1.03	0.3-1.2 mg/dl	Vanadate oxidation
BILIRUBIN (DIRECT), Serum	0.34	0-0.3 mg/dl	Vanadate oxidation
BILIRUBIN (INDIRECT), Serum	0.69	<1.2 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.3	5.7-8.2 g/dL	Biuret
ALBUMIN, Serum	4.5	3.2-4.8 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
SGOT (AST), Serum	26.1	<34 U/L	Modified IFCC
SGPT (ALT), Serum	27.1	10-49 U/L	Modified IFCC
GAMMA GT, Serum	25.0	<73 U/L	Modified IFCC
ALKALINE PHOSPHATASE, Serum	96.9	46-116 U/L	Modified IFCC
BLOOD UREA, Serum	13.8	19.29-49.28 mg/dl	Calculated
BUN, Serum	6.4	9.0-23.0 mg/dl	Urease with GLDH
CREATININE, Serum	0.7	0.60-1.10 mg/dl	Enzymatic
eGFR, Serum	135	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	5.0	3.7-9.2 mg/dl	Uricase/ Peroxidase



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Urine Sugar (Fasting)	Absent	Absent
Urine Ketones (Fasting)	Absent	Absent
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 ***



Bmhasakar

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



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Reported : 11-Feb-2023 / 18:13

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
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	111.1	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 SDRL, Vidyavihar Lab

*** End Of Report ***



J. Thakker

Dr. JYOT THAKKER
M.D. (PATH), DPB
Pathologist & AVP(
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Reported : 11-Feb-2023 / 21:12

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
EXAMINATION OF FAECES

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>
<u>PHYSICAL EXAMINATION</u>		
Colour	Brown	Brown
Form and Consistency	Semi Solid	Semi Solid
Mucus	Absent	Absent
Blood	Absent	Absent
<u>CHEMICAL EXAMINATION</u>		
Reaction (pH)	Acidic (5.0)	-
Occult Blood	Absent	Absent
<u>MICROSCOPIC EXAMINATION</u>		
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	Absent

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



MC-2111

Vipul Jain

Dr.VIPUL JAIN
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Pathologist



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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<u>PHYSICAL EXAMINATION</u>			
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)	20	-	-
<u>CHEMICAL EXAMINATION</u>			
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
<u>MICROSCOPIC EXAMINATION</u>			
Leukocytes(Pus cells)/hpf	0-1	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	4-5	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 insert

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

*** End Of Report ***



MC-2111



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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	O
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 ***



MC-5460



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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	184.9	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	140.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic colorimetric
HDL CHOLESTEROL, Serum	44.1	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Elimination/ Catalase
NON HDL CHOLESTEROL, Serum	140.8	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	112.8	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	28.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.6	0-3.5 Ratio	Calculated

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



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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Free T3, Serum	5.6	3.5-6.5 pmol/L	CLIA
Free T4, Serum	12.0	11.5-22.7 pmol/L	CLIA
sensitiveTSH, Serum	3.186	0.55-4.78 microIU/ml	CLIA

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 transiently altered because 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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