

CID	: 2308912923
Name	: MR.DAVID KIRAN
Age / Gender	:29 Years / Male
Consulting Dr. Reg. Location	: - : Borivali West (Main Centre)





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Collected Reported :30-Mar-2023 / 09:30 :30-Mar-2023 / 12:34

## AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

	<u>CBC (Complet</u>	<u>e Blood Count), Blood</u>	
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
<b>RBC PARAMETERS</b>			
Haemoglobin	15.3	13.0-17.0 g/dL	Spectrophotometric
RBC	5.24	4.5-5.5 mil/cmm	Elect. Impedance
PCV	47.2	40-50 %	Measured
MCV	90	80-100 fl	Calculated
MCH	29.2	27-32 pg	Calculated
MCHC	32.4	31.5-34.5 g/dL	Calculated
RDW	13.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	8000	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND	ABSOLUTE COUNTS		
Lymphocytes	28.0	20-40 %	
Absolute Lymphocytes	2240.0	1000-3000 /cmm	Calculated
Monocytes	8.3	2-10 %	
Absolute Monocytes	664.0	200-1000 /cmm	Calculated
Neutrophils	60.3	40-80 %	
Absolute Neutrophils	4824.0	2000-7000 /cmm	Calculated
Eosinophils	2.2	1-6 %	
Absolute Eosinophils	176.0	20-500 /cmm	Calculated
Basophils	1.2	0.1-2 %	
Absolute Basophils	96.0	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

### PLATELET PARAMETERS

Platelet Count	316000	150000-400000 /cmm	Elect. Impedance
MPV	7.8	6-11 fl	Calculated
PDW	13.1	11-18 %	Calculated
RBC MORPHOLOGY			

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

Corporate Identity Number (CIN): U85110MH2002PTC136144



Others

COMMENT

WBC MORPHOLOGY

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR

PLATELET MORPHOLOGY

CID Name Age / Gender	: 2308912923 : MR.DAVID K : 29 Years / J	(IRAN		Use a QR Code Scanner Application To Scan the Code	E P O R T
Consulting Dr.	: -		Collected	:30-Mar-2023 / 09:30	
Reg. Location	: Borivali We	st (Main Centre)	Reported	:30-Mar-2023 / 12:10	
Hypochr Microcyt Macrocy	osis tosis				
Anisocyt		-			
Poikilocy	tosis	-			
Polychro	masia	-			
Target C	ells	-			
Basophil	ic Stippling				
Normobl	asts				

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

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Normocytic, Normochromic

Sedimentation



Bmhaskar

2-15 mm at 1 hr.

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

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE			_
PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	106.1	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	89.5	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	1.14	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.43	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.71	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.4	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.9	1 - 2	Calculated
SGOT (AST), Serum	36.7	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	93.1	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	38.0	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	117.6	40-130 U/L	Colorimetric
BLOOD UREA, Serum	19.7	12.8-42.8 mg/dl	Kinetic
BUN, Serum	9.2	6-20 mg/dl	Calculated
CREATININE, Serum	0.94	0.67-1.17 mg/dl	Enzymatic

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Age / Gender Consulting Dr. Reg. Location	: 29 Years / Mal : - : Borivali West	e	Collected Reported	Use a QR Code Scanner Application To Scan the Code : 30-Mar-2023 / 09:30 : 30-Mar-2023 / 20:13	Т
eGFR, Se	erum	101	>60 ml/min/1.73	sqm Calculated	
URIC AC	ID, Serum	7.2	3.5-7.2 mg/dl	Enzymatic	
Urine Sug	gar (Fasting)	Absent	Absent		
Urine Ket	tones (Fasting)	Absent	Absent		
Urine Sug	gar (PP)	Absent	Absent		

Urine Ketones (PP) Absent Absent \*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West

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

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#### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c) **BIOLOGICAL REF RANGE** PARAMETER RESULTS METHOD Glycosylated Hemoglobin 5.6 HPLC Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 % Estimated Average Glucose 114.0 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 Borivali Lab, Borivali West \*\*\* End Of Report \*\*\*





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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

## PARAMETER

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.020	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	10	-	-
CHEMICAL EXAMINATION			
Proteins	Trace	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Trace	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	Occasional	0-2/hpf	
Epithelial Cells / hpf	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	2-3	Less than 20/hpf	
Others	-		

Note:Sample quantity less than 12ml.

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: Borivali West (Main Centre)	Reported	:30-Mar-2023 / 14:19	
	: 2308912923 : MR.DAVID KIRAN : 29 Years / Male : -	: 2308912923 : MR.DAVID KIRAN : 29 Years / Male : - Collected	: 2308912923 : MR.DAVID KIRAN : 29 Years / Male : - Collected : 30-Mar-2023 / 09:30

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 \*\*\*



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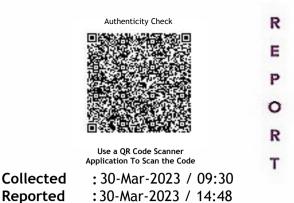
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CID : 2308912923 Name : MR.DAVID KIRAN Age / Gender : 29 Years / Male Consulting Dr. : -Reg. Location : Borivali West (Main Centre)



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

### PARAMETER

### <u>RESULTS</u>

ABO GROUP

**Rh TYPING** 

Positive

В

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.

#### 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 SDRL, Vidyavihar Lab

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE	
LIPID PROFILE	

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	234.1	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	84.6	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	33.7	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	200.4	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	183.0	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	17.4	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	6.9	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	5.4	0-3.5 Ratio	Calculated

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



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# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE **THYROID FUNCTION TESTS**

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	4.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	15.6	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	3.23	0.35-5.5 microIU/ml	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 high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non- thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

**Diurnal Variation:**TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7% (with in subject variation)

Reflex Tests:Anti thyroid Antibodies, USG Thyroid , TSH receptor Antibody. Thyroglobulin, Calcitonin

#### Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours

following the last biotin administration.

 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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# Name :-DAVID KIRAN CID:- 2308912923

# History and Complaints:

NIL

# EXAMINATION FINDINGS:

Height (cms):173cm

Temp (0c): Afebrile

Blood Pressure (mm/hg): 140/90 mmhg

Pulse: 74/min

.

Systems:

Cardiovascular:- S1S2 audible

Respiratory:- AEBE

Genitourinary:- NAD

GI System:- Liver & Spleen Not Palpable

Normal

CNS:- NAD

IMPRESSION:

ADVICE:

CHIEF COMPLAINTS:

# 1) Hypertension:-NO

- 2) 2) IHD:- No
- 3) Arrhythmia:- No
- 4) Diabetes Mellitus:- No
- 5) Tuberculosis:- NO

Weight (kg): 89kg

Skin: Normal

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Nails: Normal

Lymph Node: Not palpable

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- 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:-MIX
- 4) Medication:- NO

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REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2<sup>rd</sup> 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, Vidyavihar (W), Mumbai - 400086 HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnostics.com | WEBSITE: www.suburbandiagnostics.com



Authenticity Check

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CID: 2308912923Name: Mr DAVID KIRANAge / Sex: 29 Years/MaleRef. Dr:Reg. Location: Borivali West

Reg. Date Reported Application To Scan the Cod<sup>e</sup> : 30-Mar-2023 : 30-Mar-2023 / 13:56

Use a OR Code Scanner

# 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-----

DR.SUDHANSHU SAXENA Consultant Radiologist M.B.B.S DMRE (RadioDiagnosis) RegNo .MMC 2016061376.

Click here to view images http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023033009101854

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CID	: 2308912923			R
Name	: Mr DAVID KIRAN		Use a QR Code Scanner	т
Age / Sex	: 29 Years/Male		Application To Scan the Cod@	
Ref. Dr	:	Reg. Date	: 30-Mar-2023	
Reg. Location	: Borivali West	Reported	: 30-Mar-2023 / 11:43	

# **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:** Right kidney measures 10.3 x 5.6 cm. Left kidney measures 11.2 x 4.5 cm. 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.

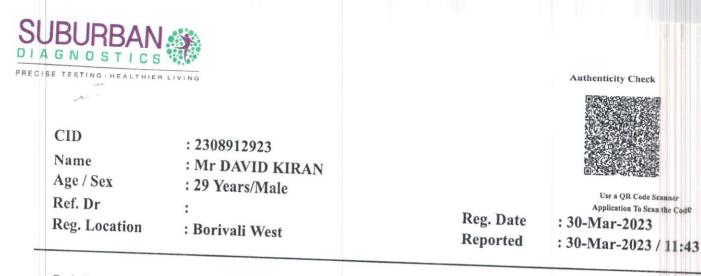
URINARY BLADDER: Urinary bladder is distended and normal. Wall thickness is within normal limits.

**PROSTATE:** Prostate is normal in size and echotexture. Prostate measures 3.1 x 2.9 x 3.4 cm and prostatic weight is 16.4 gm. No evidence of any obvious focal lesion.

No free fluid or size significant lymphadenopathy is seen.

Click here to view images http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023033009101848

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**Opinion:** 

Grade I fatty infiltration of liver.

For clinical correlation and follow up.

Investigations have their limitations. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly.

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

DR.SUDHANSHU SAXENA Consultant Radiologist M.B.B.S DMRE (RadioDiagnosis) RegNo .MMC 2016061376. R

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Click here to view images http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023033009101848



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# Suburban Diagnosties (1) Put. Ltd.

301& 302, 3rd Floor, Vini Ele, Mance, Above Tanisq Jweilar, L. T. Road, Borivali (West), Mumbai - 400 092.