



CID : 2334320192
Name : Mr KAGADAL KRISHTAGOUDA R
Age / Sex : 48 Years/Male
Ref. Dr :
Reg. Location : Kandivali East Main Centre

Reg. Date : 09-Dec-2023
Reported : 09-Dec-2023 / 13:02

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

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023120908171946>



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CID : 2334320192
Name : Mr KAGADAL KRISHTAGOUDA R
Age / Sex : 48 Years/Male
Ref. Dr :
Reg. Location : Kandivali East Main Centre
Reg. Date : 09-Dec-2023
Reported : 09-Dec-2023 / 10:10

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USG WHOLE ABDOMEN

LIVER:

The liver is normal in size (14.6 cm) 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 (12 mm) and CBD (2.9 mm) appears normal.

GALL BLADDER:

The gall bladder is physiologically distended and shows few calculi within gallbladder neck with average size 4 mm to 5 mm. Gall bladder wall is normal and measures 1.9 mm. No signs of cholecystitis noted in present scan.

PANCREAS:

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

KIDNEYS:

Right kidney measures 11.5 x 5.1 cm. Left kidney measures 11.3 x 5.4 cm.
Both the kidneys are normal in size shape and echotexture.
No evidence of any obvious calculus, hydronephrosis or mass lesion seen in present scan.

SPLEEN:

The spleen is normal in size (11.3 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.

PROSTATE:

The prostate is normal in size and measures 4.0 x 3.4 x 3.3 cm and volume is 24 cc.

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Reported : 09-Dec-2023 / 10:10

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IMPRESSION:

GRADE I FATTY LIVER.

CHOLELITHIASIS.

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

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

Click here to view images <http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2023120908171971>

• PATIENT NAME : MR . KAGADAL KRISHTAGOUDA R	• SEX : MALE
• REFERRED BY : Arcofemi Healthcare Limited	• AGE : 48 YEARS
• CID NO : 2334320192	• DATE : 09/12/2023

2D & M-MODE ECHOCARDIOGRAM REPORT
COLOR FLOW DOPPLER REPORT

ECHO & DOPPLER FINDINGS :

- Grade I diastolic dysfunction seen at present.
- No regional wall motion abnormality seen at rest at present
- No left ventricular hypertrophy seen.
- All cardiac chambers appear normal in size.
- All cardiac valves show normal structure and physiological function
- No significant stenosis nor regurgitation seen
- No defect seen in the inter ventricular and inter atrial septums.
- No evidence of aneurysm / clots / vegetations/ effusion seen.
- TAPSE and MAPSE measured to 19 mm and 16 mm respectively.
- Mild TR jet. PASP by TR jet measured to 24 mm Hg
- Visual estimation of LVEF of 60 %.

MEASUREMENTS:

IVS d (mm)	08	Ao (mm)	29
IVS s (mm)	13	LA (mm)	33
LVIDd (mm)	41	EPSS (mm)	02
LVIDs (mm)	23	EF SLOPE (ml/s)	70
Pwd (mm)	08	MV (mm)	18
Pws (mm)	13		

Conti...2

• PATIENT NAME : MR . KAGADAL KRISHTAGOUDA R	• SEX : MALE
• REFERRED BY : Arcofemi Healthcare Limited	• AGE : 48 YEARS
• CID NO : 2334320192	• DATE : 09/12/2023

DOPPLER: Mitral E / A

Mitral (m/s)	0.4	Aortic (m/s)	0.9
Tricuspid (m/s)	0.5	Pulmonary (m/s)	0.7

TDI e' < a'

Septal e' = 0.06 m/s

Lateral e' = 0.04 m/s

Septal a' = 0.1 m/s

Lateral a' = 0.09 m/s

Septal s' = 0.05 m/s

Lateral s' = 0.06 m/s

Dr. P. Bhatjiwale, M.D

PG cert in Clinical Cardiology,

Fellowship in 2 D Echo & Doppler Studies

Reg. No 68857

NOTE :2D ECHO has a poor sensitivity in cases of angina pectoris and does not rule out CAD

Adv: Please correlate clinically. CMR/ CAG/ Further cardiac evaluation as indicated.

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

Date: - 9/12/2023

CID: 2334320192

Name: - Kalyanlal Krishnagoudar R

Sex/Age: 48/m

EYE CHECK UP

Chief complaints: NO

Systemic Diseases: NO

Past history: NO

Unaided Vision:

Aided Vision:

Refraction:

(Right Eye)

(Left Eye)

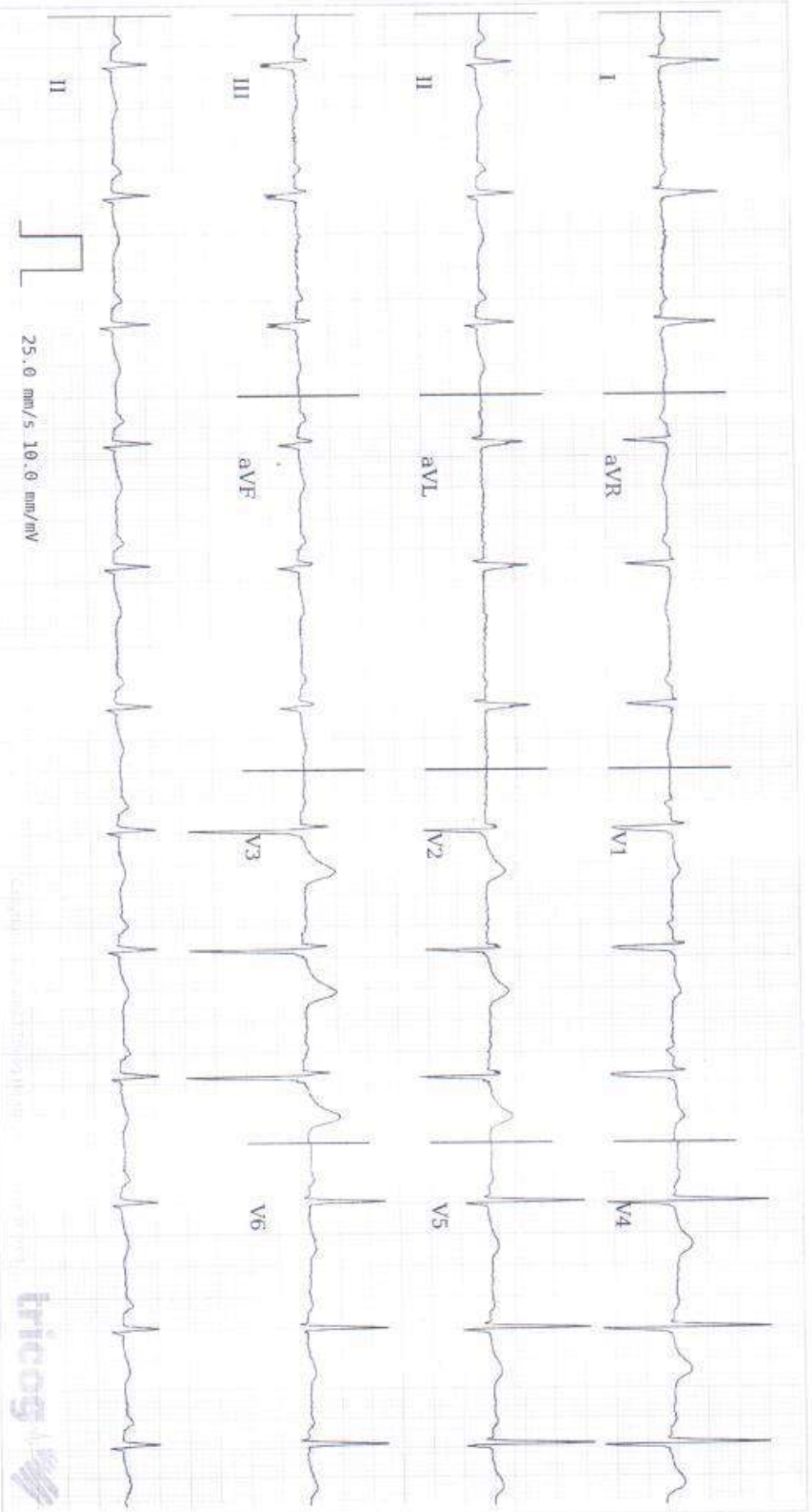
	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance	-	-	-	G/G	-	-	-	G/G
Near	-	-	-	N/G	-	-	-	N/G

Colour Vision: Normal / Abnormal

Remark: Normal

SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD.
Row House No. 3, Aangan,
Thakur Village, Kandivali (east),
Mumbai - 400101.
Tel : 61700000

SUBURBAN DIAGNOSTICS - KANDIVALI EAST
Patient Name: KAGADAL KRISHNAGOUDA R Date and Time: 9th Dec 23 9:08 AM
Patient ID: 2334320192



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

Age: 48 NA
years months

Gender: Male

Heart Rate: 74bpm

Patient Vitals

BP: 90/70 mmHg
Weight: 77 kg
Height: 172 cm
Pulse: NA
SpO2: NA
Resp: NA
Others:

Measurements

QRSd: 80ms
QT: 426ms
QTcB: 472ms
PR: 166ms
P-R-T: 61° 8° 60°

REPORTED BY

[Signature]

DR. AKHIL PARTHAKAR
MBBS, MD, MEDICINE, DNB Cardiology
Cardiologist
2012852483



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Name : Mr. KAGADAL KRISHTAGOUDA R
VID : 2334320192
Ref By : Arcofemi Healthcare Limited

Reg Date : 09-Dec-2023 08:16
Age/Gender : 48 Years
Regn Centre : Kandivali East (Main Centre)

History and Complaints:

Pain in left shoulder since 3 month.

EXAMINATION FINDINGS:

Height (cms):	172 cms	Weight (kg):	77 kgs
Temp (0c):	Afebrile	Skin:	Normal
Blood Pressure (mm/hg):	90/70	Nails:	Normal
Pulse:	70/min	Lymph Node:	Not palpable

Systems

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

IMPRESSION:

*Low B.P
HbA1c - 5.8%
- Dyslipidemia
USG. Fatty Liver,
- Cholelithiasis*

ADVICE:

*- Monitor BP
Plenty of oral fluid.
- Low fatty, Carbo diet
- Surgeon opinion*

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 |

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- | | |
|--|-------------------------|
| 8) Thyroid/ Endocrine disorders | No |
| 9) Nervous disorders | No |
| 10) GI system | No |
| 11) Genital urinary disorder | H/o kidney stone 1 yrs. |
| 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 | Veg |
| 4) Medication | No |

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Mumbai - 400101.
Tel : 61700000


Dr. Jagruti Dhale

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



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Age / Gender : 48 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 09-Dec-2023 / 08:26
Reported : 09-Dec-2023 / 13:56

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE 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	15.0	13.0-17.0 g/dL	Spectrophotometric
RBC	5.42	4.5-5.5 mil/cmm	Elect. Impedance
PCV	45.8	40-50 %	Calculated
MCV	84.5	81-101 fl	Measured
MCH	27.8	27-32 pg	Calculated
MCHC	32.9	31.5-34.5 g/dL	Calculated
RDW	14.9	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	8760	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	27.9	20-40 %	
Absolute Lymphocytes	2430	1000-3000 /cmm	Calculated
Monocytes	6.2	2-10 %	
Absolute Monocytes	540	200-1000 /cmm	Calculated
Neutrophils	60.7	40-80 %	
Absolute Neutrophils	5310	2000-7000 /cmm	Calculated
Eosinophils	4.8	1-6 %	
Absolute Eosinophils	420	20-500 /cmm	Calculated
Basophils	0.4	0.1-2 %	
Absolute Basophils	40	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	306000	150000-410000 /cmm	Elect. Impedance
MPV	7.3	6-11 fl	Measured
PDW	12.1	11-18 %	Calculated

RBC MORPHOLOGY

Hypochromia	-
Microcytosis	-



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Macrocytosis -
Anisocytosis -
Poikilocytosis -
Polychromasia -
Target Cells -
Basophilic Stippling -
Normoblasts -
Others Normocytic, Normochromic
WBC MORPHOLOGY -
PLATELET MORPHOLOGY -
COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 4 2-15 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. ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director



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Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

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Reported : 09-Dec-2023 / 19:39

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	98.0	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	103.3	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	
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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Age / Gender : 48 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 09-Dec-2023 / 08:26
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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
KIDNEY FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
BLOOD UREA, Serum	15.4	12.8-42.8 mg/dl	Kinetic
BUN, Serum	7.2	6-20 mg/dl	Calculated
CREATININE, Serum	0.75	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	111	(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	7.3	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.9	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
URIC ACID, Serum	5.2	3.5-7.2 mg/dl	Enzymatic
PHOSPHORUS, Serum	3.5	2.7-4.5 mg/dl	Molybdate UV
CALCIUM, Serum	9.1	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	141	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



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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE 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	5.8	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	119.8	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 Borivali Lab, Borivali West

*** End Of Report ***

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



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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO
PROSTATE SPECIFIC ANTIGEN (PSA)

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
TOTAL PSA, Serum	0.734	<4.0 ng/ml	CLIA

Clinical Significance:

- PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening 4. The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer. 5. Calculation of % free PSA (ie. FPSA/TPSA x 100), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

Interpretation:

Increased In- Prostate diseases, Cancer, Prostatitis, Benign prostatic hyperplasia, Prostatic ischemia, Acute urinary retention, Manipulations like Prostatic massage, Cystoscopy, Needle biopsy, Transurethral resection, Digital rectal examination, Radiation therapy, Indwelling catheter, Vigorous bicycle exercise, Drugs (e.g., testosterone), Physiologic fluctuations. Also found in small amounts in other cancers (sweat and salivary glands, breast, colon, lung, ovary) and in Skene glands of female urethra and in term placenta, Acute renal failure, Acute myocardial infarction,

Decreased In- Ejaculation within 24-48 hours, Castration, Antiandrogen drugs (e.g., finasteride), Radiation therapy, Prostatectomy, PSA falls 17% in 3 days after lying in hospital, Artfactual (e.g., improper specimen collection; very high PSA levels). Finasteride (5- α -reductase inhibitor) reduces PSA by 50% after 6 months in men without cancer.

Reflex Tests: % FREE PSA , USG Prostate

Limitations:

- tPSA values determined on patient samples by different testing procedures cannot be directly compared with one another and could be the cause of erroneous medical interpretations. If there is a change in the tPSA assay procedure used while monitoring therapy, then the tPSA values obtained upon changing over to the new procedure must be confirmed by parallel measurements with both methods. Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels.
- Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies, e.g. HAMA, that interferes with immunoassays.
- PSA results should be interpreted in light of the total clinical presentation of the patient, including: symptoms, clinical history, data from additional tests, and other appropriate information.
- Serum PSA concentrations should not be interpreted as absolute evidence for the presence or absence of prostate cancer.

Reference:

- Wallach's Interpretation of diagnostic tests
- Total PSA Pack insert

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



Anupa Dixit

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



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Age / Gender : 48 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

Collected : 09-Dec-2023 / 08:26
Reported : 09-Dec-2023 / 18:08

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	7.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Slight hazy	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	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	8-10	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



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Reported : 09-Dec-2023 / 14:14

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

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



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



CID : 2334320192
Name : MR.KAGADAL KRISHTAGOUDA R
Age / Gender : 48 Years / Male
Consulting Dr. : -
Reg. Location : Kandivali East (Main Centre)

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	184.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	121.0	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	35.5	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	148.5	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	125.0	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	23.5	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.5	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



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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	5.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	20.8	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	4.14	0.35-5.5 microIU/ml mIU/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 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)

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



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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.56	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.29	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.27	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.3	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.9	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
SGOT (AST), Serum	19.5	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	22.1	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	21.1	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	82.5	40-130 U/L	Colorimetric

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