SUBURBAN DIAGNOSTICS - KALINA, SANTACRUZ EAST



Patient Name: SANTOSH KUMAR Patient ID: 2206601782 Date and Time: 7th Mar 22 11:16 AM

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V6 III aVF V3 Measurements QSRD: 76ms QT: 360ms 382ms QTc: Π PR: 138ms tricc 25.0 mm/s 10.0 mm/mV P-R-T: 78° 21° 60°

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



28

8

years months days

48

Gender Male

Patient Vitals

Heart Rate 68bpm

NA

NA

NA

NA

NA NA

Age

BP:

Weight:

Height:

Pulse:

Spo2:

Resp: Others:

DR SONALI HONRAO MD (General Medicine) Physician 2001/04/1882

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.



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PRECISE TESTING	HEALTHIER LIVING			
CID	: 2206601782			Р
Name	: Mr SANTOSH KUMAR			0
Age / Sex	: 48 Years/Male		Use a QR Code Scanner Application To Scan the Code	_
Ref. Dr	:	Reg. Date	: 07-Mar-2022 / 11:32	R
Reg. Location	: Kalina, Santacruz East Main Centre	Reported	:07-Mar-2022 / 12:06	Т

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.

<u>IMPRESSION:</u> NO SIGNIFICANT ABNORMALITY IS DETECTED.

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

This report is prepared and physically checked by Dr Asha Dhavan before dispatch.

Ashavan

Dr. Asha Rajendra Dhavan MBBS, DMRE Reg No: 2489 **Consultant Radiologist**

Authenticity Check

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http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022030710501907

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:07-Mar-2022 / 10:50 :07-Mar-2022 / 16:08

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT

	<u>CBC (Complet</u>	<u>e Blood Count), Blood</u>	
PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	15.4	13.0-17.0 g/dL	Spectrophotometric
RBC	5.16	4.5-5.5 mil/cmm	Elect. Impedance
PCV	47.8	40-50 %	Measured
MCV	92.7	80-100 fl	Calculated
MCH	29.9	27-32 pg	Calculated
MCHC	32.3	31.5-34.5 g/dL	Calculated
RDW	15.3	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	7590	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND	ABSOLUTE COUNTS		
Lymphocytes	26.5	20-40 %	
Absolute Lymphocytes	2011.4	1000-3000 /cmm	Calculated
Monocytes	7.5	2-10 %	
Absolute Monocytes	569.3	200-1000 /cmm	Calculated
Neutrophils	58.1	40-80 %	
Absolute Neutrophils	4409.8	2000-7000 /cmm	Calculated
Eosinophils	6.9	1-6 %	
Absolute Eosinophils	523.7	20-500 /cmm	Calculated
Basophils	1.0	0.1-2 %	
Absolute Basophils	75.9	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS			
Platelet Count	209000	150000-400000 /cmm	Elect. Impedance
MPV	12.7	6-11 fl	Calculated
PDW	29.8	11-18 %	Calculated
RBC MORPHOLOGY			
Hypochromia	-		
Microcytosis	-		

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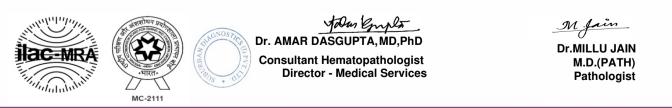
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				Р
CID	: 2206601782			
Name	: MR.SANTOSH KUMAR			0
Age / Gender	:48 Years / Male		Use a QR Code Scanner Application To Scan the Code	R
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Reg. Location	: Kalina, Santacruz East (Main Centre)	Reported	:07-Mar-2022 / 15:18	т

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Macrocytosis	-		
Anisocytosis	-		
Poikilocytosis	-		
Polychromasia	-		
Target Cells	-		
Basophilic Stippling	-		
Normoblasts	-		
Others	Normocytic,Normochromic		
WBC MORPHOLOGY	-		
PLATELET MORPHOLOGY	-		
COMMENT	Eosinophilia		
Specimen: EDTA Whole Blood			
ESR, EDTA WB	10	2-15 mm at 1 hr.	Westergren

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT BLOOD SUGAR REPORT

PARAMETER

<u>RESULTS</u>

BIOLOGICAL REF RANGE METHOD

GLUCOSE (SUGAR) FASTING, 93.2 Fluoride Plasma Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl

Hexokinase

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT **PROSTATE SPECIFIC ANTIGEN (PSA) BIOLOGICAL REF RANGE** PARAMETER RESULTS **METHOD**

TOTAL PSA, Serum

0.03-2.5 ng/ml

Clinical Significance:

PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue. ٠

0.534

- 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, Artifactual (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 parallelmeasurements 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.

Reference:

- Wallach's Interpretation of diagnostic tests, 10th Edition
- Pack insert

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Anto

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

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Yellow	Pale Yellow	
Reaction (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.025	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	15	-	-
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	N		
Leukocytes(Pus cells)/hpf	2-3	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	3-4	Less than 20/hpf	
Others	-		

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT BLOOD GROUPING & Rh TYPING

PARAMETER

RESULTS

ABO GROUP A 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

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

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	198.9	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	94.0	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	47.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	151.5	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	133.0	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	4.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.8	0-3.5 Ratio	Calculated
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*** End Of Report ***



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Dr.MILLU JAIN M.D.(PATH) Pathologist

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



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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT KIDNEY FUNCTION TESTS

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	21.7	12.8-42.8 mg/dl	Kinetic
BUN, Serum	10.1	6-20 mg/dl	Calculated
CREATININE, Serum	1.25	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	66	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	7.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	3.3	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.3	1 - 2	Calculated
URIC ACID, Serum	9.3	3.5-7.2 mg/dl	Enzymatic
PHOSPHORUS, Serum	2.8	2.7-4.5 mg/dl	Molybdate UV
CALCIUM, Serum	9.2	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	140	135-148 mmol/l	ISE
POTASSIUM, Serum	4.3	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	102	98-107 mmol/l	ISE

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M Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT **THYROID FUNCTION TESTS** BIOLOGICAL REF RANGE PARAMFTER **RESULTS MFTHOD**

	<u>NESOETS</u>	DIDEOGICAL ILLI HAILOL	METHOD
Free T3, Serum	4.1	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	12.5	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	4.64	0.35-5.5 microIU/ml	ECLIA

Interpretation:

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)

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



Anto

Authenticity Check

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/TMT LIVER FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	1.87	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.67	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	1.20	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	3.3	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.3	1 - 2	Calculated
SGOT (AST), Serum	59.3	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	84.4	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	56.4	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	72.6	40-130 U/L	Colorimetric

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