SARDAR PATEL HOSPITAL & HEART INSTITUTE

Fidelity Diagnostics
Maharashtra I Goa I Gujarat

Patient Name : MR. AMIT KUMAR
Age / Gender : 37 years / Male
Patient ID : 19397
Source : Sardar Patel Hospital (OPD)

Referral : Dr Mediwheel Full body Health Checkup
Collection Time : 12/02/2023, 11:02 AM
Reporting Time : 12/02/2023, 12:55 PM
Sample ID : 001404323

Test Description	Value(s)	Reference Range	Unit(s)
CBC			
Hemoglobin (Hb)*	14.6	13.5 - 18.0	gm/dL
Method : Cynmeth Photometric Measurement			
Erythrocyte (RBC) Count*	4.81	4.7 - 6.0	mil/cu.mm
Method : Electrical Impedence			
Packed Cell Volume (PCV)*	42.7	42 - 52	%
Method : Calculated			
Mean Cell Volume (MCV)*	88.77	78 - 100	fL
Method : Electrical Impedence			
Mean Cell Haemoglobin (MCH)*	30.35	27 - 31	pg
Method : Calculated			
Mean Corpuscular Hb Concn. (MCHC)*	34.19	32 - 36	gm/dL
Method : Calculated			
Red Cell Distribution Width (RDW)*	12.0	11.5 - 14.0	%
Method : Electrical Impedence			
Total Leucocytes (WBC) Count*	6270	4000-10000	cell/cu.mm
Method : Electrical Impedence			
Neutrophils*	55	40 - 80	%
Method : VCSn Technology			
Lymphocytes*	35	20 - 40	%
Method : VCSn Technology			
Monocytes*	07	2 - 10	%
Method : VCSn Technology			
Eosinophils*	03	1 - 6	%
Method : VCSn Technology			
Basophils	00	0 - 4	%
Method : VCSn Technology			
Platelet Count*	163	150 - 450	10^3/ul
Method : Electrical Impedence			
E.S.R			
Erythrocyte Sedimentation Rate	**34**	<15	mm/hr
Method : EDTA Whole blood, modified westerngren			

Interpretation:

It indicates presence and intensity of an inflammatory process. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, acute rheumatic fever,. It is also increased in multiple myeloma, hypothyroidism.

END OF REPORT

Dr. Bhavika Dholiya
M. D. Pathology
Registration No: G-32571

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Collection Time : 12/02/2023, 11:02 AM
Reporting Time : 12/02/2023, 12:54 PM
Sample ID : 001404323

Test Description	Value(s)	Reference Range	Unit(s)
BLOOD GROUP & RH (D) FACTOR, EDTA WHOLE BLOOD			
Blood Group Method : Forward and Reverse By Tube Method	"O"		
RH Factor	Positive		

Methodology

This is done by forward and reverse grouping by tube Agglutination method.

Interpretation

Newborn baby does not produce ABO antibodies until 3 to 6 months of age. So the blood group of the Newborn baby is done by ABO antigen grouping (forward grouping) only, antibody grouping (reverse grouping) is not required.Confirmation of the New-born's blood group is indicatedwhen the A and B antigen expression and the isoagglutinins are fully developed (2–4 years).

GLYCOSYLATED HB (HBA1C)			
Glyco Hb (HbA1C)	4.7	Non-Diabetic: <=5.6 Pre Diabetic:5.7-6.4 Diabetic: >=6.5	%
Estimated Average Glucose :	88.19		mg/dL

Interpretations

1. HbA1C has been endorsed by clinical groups and American Diabetes Association guidelines 2017 for diagnosing diabetes using a cut off point of 6.5%
2. Low glycated haemoglobin in a non diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency and haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
3. In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.

   Excellent control-6-7 %
   Fair to Good control – 7-8 %
   Unsatisfactory control – 8 to 10 %
   Poor Control – More than 10 %

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Reporting Time : 12/02/2023, 04:27 PM
Sample ID : 001404323

Test Description	Value(s)	Reference Range	Unit(s)
THYROID FUNCTION TEST 1			
T3-Total Method : Serum, CLIA	1.69	0.69 - 2.15 ng/mL	ng/mL
T4-Total Method : Serum, CLIA	8.30	5.2 - 12.7 ug/dL	ug/dL
TSH Method : Serum, CLIA	**0.109**	0.3 - 4.5 uIU/mL	uIU/mL
Interpretation			
BLOOD GLUCOSE FASTING (FBS)			
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	100.0	Normal: 70 - 99 Impaired Tolerance: 100-125 Diabetes mellitus: >= 126 (on more than one occassion) (American diabetes association guidelines 2018)	mg/dL
Urine Fasting	Absent		
BLOOD GLUCOSE POST PRANDIAL (PP2BS)			
Blood Glucose-Post Prandial Method : Hexokinase	97.3	70 - 140	mg/dL
Urine Post Prandial	Absent		

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Referral : Dr Mediwheel Full body Health Checkup
Collection Time : 12/02/2023, 11:02 AM
Reporting Time : 12/02/2023, 12:57 PM
Sample ID : 001404323

Test Description	Value(s)	Reference Range	Unit(s)
RENAL PROFILE			
Urea *	19.7	17- 55 mg/dL	mg/dL
Method : Serum, Urease			
Creatinine*	0.78	0.6 - 1.4 mg/dl	mg/dL
Method : Serum, Enzymatic			
Uric Acid*	**7.8**	3.5 - 7.2	mg/dL
Method : Serum, Uricase/POD			
Blood Urea Nitrogen-BUN*	9.21	7 - 25 mg/dL	mg/dL
Method : Calculated			
Calcium*	10.20	8.8 - 10.6	mg/dL
Method : Arsenazo III			
Sodium*	142.7	136 - 146	mmol/L
Method : Serum, Indirect ISE			
Potassium*	4.24	3.5 - 5.1	mmol/L
Method : Serum, Indirect ISE			
Chloride*	102.0	97.0 - 108.0	mmol/L
Method : Serum, Indirect ISE			
LIVER FUNCTION TEST-1			
Bilirubin - Total	0.43	0.3 - 1.2	mg/dL
Method : Diazotization			
Bilirubin - Direct	0.31	Adults and Children: 0.0 - 0.4	mg/dL
Method : Serum, Diazotization			
Bilirubin - Indirect	0.12		
Method : Calculated			
SGOT	**56.0**	< 50	U/L
Method : Serum, UV without P5P			
SGPT	**61.6**	< 50	U/L
Method : Serum, UV without P5P			
Alkaline Phosphatase-ALPI	**127**	30-120	U/L
Method : Serum, PNPP, AMP Buffer, IFCC 37 degree			
Total Protein	7.29	6.6 - 8.3	g/dL
Method : Serum, Biuret, reagent blank end point			
Albumin	4.4	Adults: 3.5 - 5.2	g/dL
Method : Serum, Bromocresol green			
Globulin	2.89	1.8 - 3.6	g/dL
Method : Calculated			
A/G Ratio	1.52	1.2 - 2.2	ratio
Method : Calculated			

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Collection Time : 12/02/2023, 11:02 AM
Reporting Time : 12/02/2023, 12:56 PM
Sample ID : 001404323

Test Description	Value(s)	Reference Range	Unit(s)
LIPID PROFILE (D)			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	139.0	Desirable: <= 200 Borderline High: 201-239 High: > 239	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	94.6	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	41.6	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Calculated	78.48	Optimal: < 100 Near optimal/above optimal: 100-129 Borderline high: 130-159 High: 160-189 Very High: >= 190	mg/dL
Non - HDL Cholesterol, Serum Method : calculated	97.40	Desirable: < 130 mg/dL Borderline High: 130-159mg/dL High: 160-189 mg/dL Very High: > or = 190 mg/dL	mg/dL
VLDL Cholesterol Method : calculated	18.92	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	**3.34**	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	1.89	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio
HDL/LDL RATIO Method : calculated	0.53	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio

Note: 8-10 hours fasting sample is required. Test results may show interferences due to pregnancy, certain drugs such as estrogens and other drugs(such as androgenic and related steroids), and insulin therapy etc. 12 hours fast is recommended prior to the test as non fasting status may result in falsely elevated test values. Alcohol should not be consumed for atleast 24 hours before the test. Values may be increased in acute illness, colds or flu. Obesity, stress, physical inactivity, cigarette smoking may lead to increase test values. If possible all medications should be withheld for atleast 24 hours before testing(On Doctors Advice). Intraindividual variations, seasonal as well as positional variations(levels lower when sitting compared to standing etc.)have been observed. Cholesterol and HDL-C should not be measured immediately after MI, and 3 months wait is suggested.

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Reporting Time : 12/02/2023, 01:21 PM
Sample ID : 001404323

Test Description	Value(s)	Reference Range	Unit(s)
URINE ROUTINE			
Volume*	20	ml -	ml
Colour*	Pale Yellow	Pale Yellow	
Transparency (Appearance)*	**Turbid**	Clear	
Deposit*	**Present**	Absent	
Reaction (pH)*	6.0	4.5 - 8	
Specific Gravity*	1.025	1.010 - 1.030	
Chemical Examination (Automated Dipstick Method) Urine			
Urine Glucose (sugar)*	Absent	Absent	
Urine Protein (Albumin)*	Absent	Absent	
Urine Ketones (Acetone)*	Absent	Absent	
Blood*	Absent	Absent	
Bile pigments*	Absent	Absent	
Nitrite*	Absent	Absent	
Microscopic Examination Urine			
Pus Cells (WBCs)*	**10-12**	0 - 5	/hpf
Epithelial Cells*	**18-20**	0 - 4	/hpf
Red blood Cells*	Absent	Absent	/hpf
Crystals*	Absent	Absent	
Cast*	Absent	Absent	
Trichomonas Vaginalis*	Absent	Absent	
Yeast Cells*	Absent	Absent	
Amorphous deposits*	Absent	Absent	
Bacteria*	Absent	Absent	

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Patient Name:-	AMIT_KUMAR			Date :-	12/02/2023
Age & Sex :-	37 Y	M			

X-RAY CHEST PA VIEW

Both lung zones are clear

Cardiac silhouette is normal.

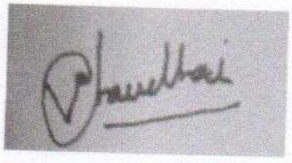
Both costophrenic angles clear.

Both domes of diaphragm are at normal level.

Bony thorax is unremarkable.

Impression-No significant abnormality detected in present study.

Please correlate with clinical findings and relevant investigations.



Dr.Vivek Chaudhari
D.M.R.E.
Consultant Radiologist

12.02.2023 11:17:49
SARD[illegible]PATEL HOSPITAL & HEART
CHIKUWADI OPP RAILWAY STATION
ANKLESHWER

Location:
Or[illegible] Number:
Visit:
Indication:
Medication 1:
Medication 2:
Medication 3:

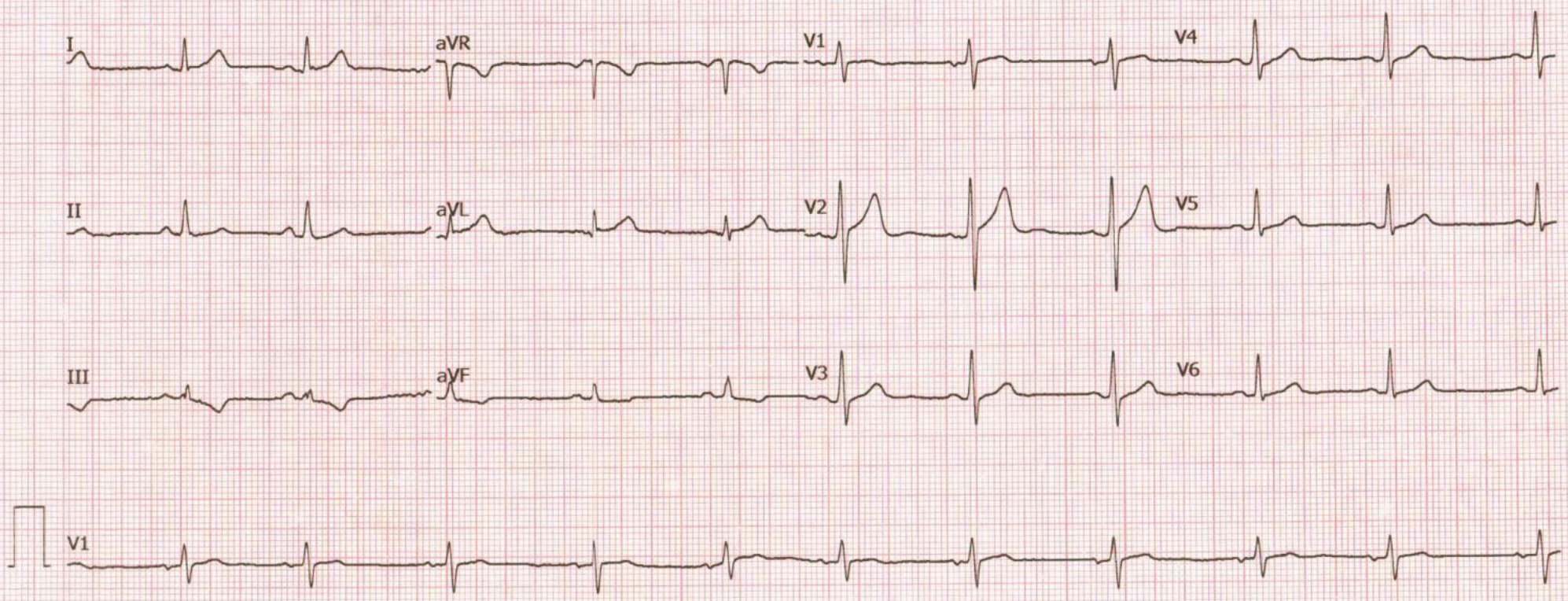
Room:

66 bpm
-- / -- mmHg

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

QRS :	74 ms
QT / QTcBaz :	364 / 381 ms
PR :	140 ms
P :	98 ms
RR / PP :	908 / 909 ms
P / QRS / T :	61 / 31 / -13 degrees

Normal sinus rhythm with sinus arrhythmia
Normal ECG



Unconfirmed

GE MAC2000 1.1 12SL™ v241 25 mm/s 10 mm/mV ADS 0.56-20 Hz 4x2.5x3_25_R1 1/1