

TEST REPORT

Reg. No. : 403101021 **Reg. Date** : 29-Mar-2024 09:53 **Ref.No** : **Approved On** : 29-Mar-2024 14:43
Name : Mr. LAVLESH GAUTAM **Collected On** : 29-Mar-2024 10:29
Age : 50 Years **Gender:** Male **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
ESR	06	mm/hr	17-50 Yrs : <12, 51-60 Yrs : <19, 61-70 Yrs : <20, >70 Yrs : <30

Method:Modified Westergren

EDTA Whole Blood

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

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TEST REPORT

Reg. No. : 403101021 **Reg. Date** : 29-Mar-2024 09:53 **Ref.No** : **Approved On** : 29-Mar-2024 11:21
Name : Mr. LAVLESH GAUTAM **Collected On** : 29-Mar-2024 10:29
Age : 50 Years **Gender**: Male **Pass. No.** : **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test	Results	Unit	Bio. Ref. Interval
Complete Blood Count			
Hemoglobin(SLS method)	15.2	g/dL	13.0 - 17.0
RBC Count(Ele.Impedence)	5.13	X 10 ¹² /L	4.5 - 5.5
Hematocrit (calculated)	43.5	%	40 - 50
MCV (Calculated)	84.8	fL	83 - 101
MCH (Calculated)	29.6	pg	27 - 32
MCHC (Calculated)	H 34.9	g/dL	31.5 - 34.5
RDW-SD(calculated)	45.40	fL	36 - 46
Total WBC count	7800	/μL	4000 - 10000
DIFFERENTIAL WBC COUNT			
	[%]	EXPECTED VALUES	[Abs] EXPECTED VALUES
Neutrophils	65	38 - 70	5070 /cmm 1800 - 7700
Lymphocytes	28	21 - 49	2184 /cmm 1000 - 3900
Eosinophils	02	0 - 7	156 /cmm 20 - 500
Monocytes	05	3 - 11	390 /cmm 200 - 800
Basophils	00	0 - 1	0 /cmm 0 - 100
NLR (Neutrophil: Lymphocyte Ratio)	2.32	Ratio	1.1 - 3.5
Platelet Count (Ele.Impedence)	304000	/cmm	150000 - 410000
PCT	0.29	ng/mL	< 0.5
MPV	9.60	fL	6.5 - 12.0
Peripheral Smear			
RBCs	Normocytic normochromic.		
WBCs	Normal morphology		
Platelets	Adequate on Smear		
Malarial Parasites	Not Detected		

Test done from collected sample.

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TEST REPORT

Reg. No. : 403101021 Reg. Date : 29-Mar-2024 09:53 Ref.No : Approved On : 29-Mar-2024 15:10
Name : Mr. LAVLESH GAUTAM Collected On : 29-Mar-2024 10:29
Age : 50 Years Gender: Male Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
BLOODGROUP & RH			
<u>Specimen: EDTA and Serum; Method: Gel card system</u>			
Blood Group "ABO" <i>Agglutination</i>	"B"		
Blood Group "Rh" <i>Agglutination</i>	Positive		
EDTA Whole Blood			

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TEST REPORT

Reg. No. : 403101021	Reg. Date : 29-Mar-2024 09:53	Ref.No :	Approved On : 29-Mar-2024 14:38
Name : Mr. LAVLESH GAUTAM			Collected On : 29-Mar-2024 10:29
Age : 50 Years	Gender: Male	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
PERIPHERAL BLOOD SMEAR EXAMINATION			
Specimen: Peripheral blood smear & EDTA blood. Method:Microscopy			
RBC Morphology	RBCs are normocytic normochromic.		
WBC Morphology	Total WBC and differential count is within normal limit. No abnormal cells or blasts are seen.		
Differential Count	.		
Neutrophils	65	%	38 - 70
Lymphocytes	28	%	21 - 49
Monocytes	02	%	3 - 11
Eosinophils	05	%	0 - 7
Basophils	00	%	0 - 2
Platelets	Platelets are adequate with normal morphology.		
Parasite	Malarial parasite is not detected.		
Sample Type: EDTA Whole Blood			

Test done from collected sample.

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P. S. Sarada
Approved by: DR. PARIMAL SARDA

Haematopathologist
PDF, CMC vellore
Reg No.:- G-13598

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TEST REPORT

Reg. No. : 403101021 **Reg. Date** : 29-Mar-2024 09:53 **Ref.No** : **Approved On** : 29-Mar-2024 14:53
Name : Mr. LAVLESH GAUTAM **Collected On** : 29-Mar-2024 10:29
Age : 50 Years **Gender**: Male **Pass. No.** : **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
<u>FASTING PLASMA GLUCOSE</u>			
<u>Specimen: Fluoride plasma</u>			
Fasting Plasma Glucose <i>Hexokinase</i>	101.80	mg/dL	Normal: <=99.0 Prediabetes: 100-125 Diabetes :>=126

Fluoride Plasma

Criteria for the diagnosis of diabetes:

- HbA1c >= 6.5 *
- Or
- Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.
Or
- Two hour plasma glucose >= 200mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.
Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose >= 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

Test done from collected sample.

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Approved by: Dr. Keyur Patel

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TEST REPORT

Reg. No. : 403101021 Reg. Date : 29-Mar-2024 09:53 Ref.No : Approved On : 29-Mar-2024 18:15
Name : Mr. LAVLESH GAUTAM Collected On : 29-Mar-2024 14:53
Age : 50 Years Gender: Male Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
POST PRANDIAL PLASMA GLUCOSE Specimen: Fluoride plasma			
Post Prandial Plasma Glucose <i>Hexokinase</i>	L 108.64	mg/dL	Normal: <=139 Prediabetes : 140-199 Diabetes: >=200
Flouride Plasma			

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TEST REPORT

Reg. No. : 403101021 **Reg. Date** : 29-Mar-2024 09:53 **Ref.No** : **Approved On** : 29-Mar-2024 14:44
Name : Mr. LAVLESH GAUTAM **Collected On** : 29-Mar-2024 10:29
Age : 50 Years **Gender:** Male **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
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GGT	42.6	U/L	10 - 71
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L-Y-Glutamyl-3 Carboxy-4-Nitroanilide, Enzymetic Colorimetric

Serum

Uses:

- Diagnosing and monitoring hepatobiliary disease.
- To ascertain whether the elevated ALP levels are due to skeletal disease or due to presence of hepatobiliary disease.
- A screening test for occult alcoholism.

Increased in:

- Intra hepatic biliary obstruction.
- Post hepatic biliary obstruction
- Alcoholic cirrhosis
- Drugs such as phenytoin and phenobarbital.
- Infectious hepatitis (modest elevation)
- Primary/ Secondary neoplasms of liver.

Test done from collected sample.

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Approved On: 29-Mar-2024 14:44

TEST REPORT

Reg. No. : 403101021	Reg. Date : 29-Mar-2024 09:53	Ref.No :	Approved On : 29-Mar-2024 14:51
Name : Mr. LAVLESH GAUTAM			Collected On : 29-Mar-2024 10:29
Age : 50 Years	Gender : Male	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>LIPID PROFILE</u>			
CHOLESTEROL	184.00	mg/dL	Desirable <=200 Borderline high risk 200 - 240 High Risk >240
Triglyceride <i>Enzymatic Colorimetric Method</i>	87.00	mg/dL	<150 : Normal, 150-199 : Border Line High, 200-499 : High, >=500 : Very High
Very Low Density Lipoprotein(VLDL) <i>Calculated</i>	17	mg/dL	0 - 30
Low-Density Lipoprotein (LDL) <i>Calculated Method</i>	118.25	mg/dL	< 100 : Optimal, 100-129 : Near Optimal/above optimal, 130-159 : Borderline High, 160-189 : High, >=190 : Very High
High-Density Lipoprotein(HDL)	48.75	mg/dL	<40 >60
CHOL/HDL RATIO <i>Calculated</i>	H 3.77		0.0 - 3.5
LDL/HDL RATIO <i>Calculated</i>	2.43		1.0 - 3.4
TOTAL LIPID <i>Calculated</i>	502.00	mg/dL	400 - 1000
Serum			

As a routine test to determine if your cholesterol level is normal or falls into a borderline-, intermediate- or high-risk category.
 To monitor your cholesterol level if you had abnormal results on a previous test or if you have other risk factors for heart disease.
 To monitor your body's response to treatment, such as cholesterol medications or lifestyle changes.
 To help diagnose other medical conditions, such as liver disease.
 Note : biological reference intervals are according to the national cholesterol education program (NCEP) guidelines.

Test done from collected sample.

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Approved by: Dr. Keyur Patel

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TEST REPORT

Reg. No. : 403101021	Reg. Date : 29-Mar-2024 09:53	Ref.No :	Approved On : 29-Mar-2024 14:49
Name : Mr. LAVLESH GAUTAM			Collected On : 29-Mar-2024 10:29
Age : 50 Years	Gender : Male	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>LIVER FUNCTION TEST</u>			
TOTAL PROTEIN	7.51	g/dL	6.6 - 8.8
ALBUMIN	4.03	g/dL	3.5 - 5.2
GLOBULIN <i>Calculated</i>	3.48	g/dL	2.4 - 3.5
ALB/GLB <i>Calculated</i>	L 1.16		1.2 - 2.2
SGOT	37.10	U/L	<35
SGPT	36.90	U/L	<41
Alkaline Phosphatase <i>ENZYMATIC COLORIMETRIC IFCC, PNP, AMP BUFFER</i>	114.70	U/L	40 - 130
TOTAL BILIRUBIN	0.53	mg/dL	0.1 - 1.2
DIRECT BILIRUBIN	0.14	mg/dL	<0.2
INDIRECT BILIRUBIN <i>Calculated</i>	0.39	mg/dL	0.0 - 1.00
Serum			

Test done from collected sample.

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Approved by: Dr. Keyur Patel

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Approved On: 29-Mar-2024 14:49

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TEST REPORT

Reg. No. : 403101021 Reg. Date : 29-Mar-2024 09:53 Ref.No : Approved On : 29-Mar-2024 16:01
Name : Mr. LAVLESH GAUTAM Collected On : 29-Mar-2024 10:29
Age : 50 Years Gender: Male Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
HEMOGLOBIN A1C (HBA1C) <i>High Performance Liquid Chromatography (HPLC)</i>	5.90	%	Normal: ≤ 5.6 Prediabetes: 5.7-6.4 Diabetes: ≥ 6.5 6-7 : Near Normal Glycemia, <7 : Goal , 7-8 : Good Control , >8 : Action Suggested.
Mean Blood Glucose <i>(Calculated)</i>	123	mg/dL	

Sample Type: EDTA Whole Blood

Criteria for the diagnosis of diabetes

- HbA1c ≥ 6.5 * Or Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs. Or
- Two hour plasma glucose ≥ 200 mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water. Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose ≥ 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34:S11.

Limitation of HbA1c

- In patients with Hb variants even analytically correct results do not reflect the same level of glycemic control that would be expected in patients with normal population.
 - Any cause of shortened erythrocyte survival or decreased mean erythrocyte survival or decreased mean erythrocyte age eg. hemolytic diseases, pregnancy, significant recent/chronic blood loss etc. will reduce exposure of RBC to glucose with consequent decrease in HbA1c values.
 - Glycated HbF is not detected by this assay and hence specimens containing high HbF ($>10\%$) may result in lower HbA1c values than expected. Importance of HbA1C (Glycated Hb.) in Diabetes Mellitus
- HbA1C, also known as glycated hemoglobin, is the most important test for the assessment of long term blood glucose control(also called glycemic control).
 - HbA1C reflects mean glucose concentration over past 6-8 weeks and provides a much better indication of long term glycemic control than blood glucose determination.
 - HbA1c is formed by non-enzymatic reaction between glucose and Hb. This reaction is irreversible and therefore remains unaffected by short term fluctuations in blood glucose levels.
 - Long term complications of diabetes such as retinopathy (Eye-complications), nephropathy (kidney-complications) and neuropathy (nerve complications), are potentially serious and can lead to blindness, kidney failure, etc.
 - Glycemic control monitored by HbA1c measurement using HPLC method (GOLD STANDARD) is considered most important. (Ref. National Glycohaemoglobin Standardization Program - NGSP)
- Note : Biological reference intervals are according to American Diabetes Association (ADA) Guidelines.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Rina Prajapati

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Generated On : 29-Mar-2024 18:14

Approved On: 29-Mar-2024 16:01

TEST REPORT

Reg. No. : 403101021	Reg. Date : 29-Mar-2024 09:53	Ref.No :	Approved On : 29-Mar-2024 16:01
Name : Mr. LAVLESH GAUTAM			Collected On : 29-Mar-2024 10:29
Age : 50 Years	Gender: Male	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Bio-Rad CDM System
Bio-Rad Variant V-II Instrument #1

PATIENT REPORT
V2TURBO_A1c_2.0

Patient Data

Sample ID: 140303500805
 Patient ID:
 Name:
 Physician:
 Sex:
 DOB:

Analysis Data

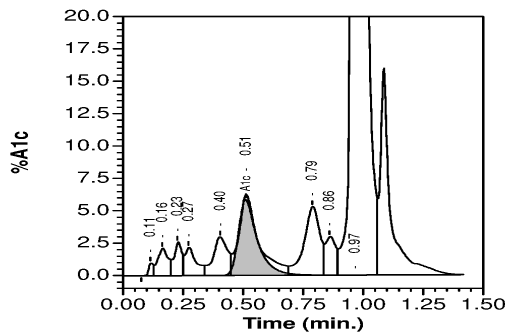
Analysis Performed: 29/03/2024 14:25:08
 Injection Number: 13721
 Run Number: 589
 Rack ID:
 Tube Number: 5
 Report Generated: 29/03/2024 14:39:02
 Operator ID:

Comments:

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
Unknown	---	0.2	0.114	3979
A1a	---	1.0	0.162	18887
A1b	---	0.9	0.226	16753
F	---	1.1	0.272	20736
LA1c	---	1.8	0.403	34284
A1c	5.9	---	0.510	94301
P3	---	3.7	0.787	70609
P4	---	1.4	0.860	25694
Ao	---	85.0	0.966	1611167

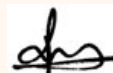
Total Area: 1,896,410

HbA1c (NGSP) = 5.9 %



Test done from collected sample.

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Approved by: Dr. Rina Prajapati

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TEST REPORT

Reg. No. : 403101021 **Reg. Date** : 29-Mar-2024 09:53 **Ref.No** : **Approved On** : 29-Mar-2024 14:25
Name : Mr. LAVLESH GAUTAM **Collected On** : 29-Mar-2024 10:29
Age : 50 Years **Gender:** Male **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	1.11	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	10.00	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	1.173	µIU/mL	0.35 - 4.94

Sample Type: Serum

Comments:

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Vidhi Patel

M.D BIOCHEMISTRY
Reg. No.:G-34739

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Approved On: 29-Mar-2024 14:25

TEST REPORT

Reg. No. : 403101021	Reg. Date : 29-Mar-2024 09:53	Ref.No :	Approved On : 29-Mar-2024 11:33
Name : Mr. LAVLESH GAUTAM			Collected On : 29-Mar-2024 10:29
Age : 50 Years	Gender : Male	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>URINE ROUTINE EXAMINATION</u>			
<u>Physical Examination</u>			
Colour	Yellow		
Clarity	Clear		
<u>CHEMICAL EXAMINATION (by strip test)</u>			
pH	6.0		4.6 - 8.0
Sp. Gravity	1.030		1.002 - 1.030
Protein	Nil		Absent
Glucose	Nil		Absent
Ketone	Nil		Absent
Bilirubin	Nil		Nil
Nitrite	Negative		Nil
Leucocytes	Nil		Nil
Blood	Absent		Absent
<u>MICROSCOPIC EXAMINATION</u>			
Leucocytes (Pus Cells)	1-2		0 - 5/hpf
Erythrocytes (RBC)	Nil		0 - 5/hpf
Casts	Nil	/hpf	Absent
Crystals	Nil		Absent
Epithelial Cells	Nil		Nil
Monilia	Nil		Nil
T. Vaginalis	Nil		Nil
Urine			

Test done from collected sample.

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TEST REPORT

Reg. No. : 403101021 Reg. Date : 29-Mar-2024 09:53 Ref.No : Approved On : 29-Mar-2024 14:55
Name : Mr. LAVLESH GAUTAM Collected On : 29-Mar-2024 10:29
Age : 50 Years Gender: Male Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
Creatinine	0.77	mg/dL	0.67 - 1.5

Serum

Creatinine is the most common test to assess kidney function. Creatinine levels are converted to reflect kidney function by factoring in age and gender to produce the eGFR (estimated Glomerular Filtration Rate). As the kidney function diminishes, the creatinine level increases; the eGFR will decrease. Creatinine is formed from the metabolism of creatine and phosphocreatine, both of which are principally found in muscle. Thus the amount of creatinine produced is, in large part, dependent upon the individual's muscle mass and tends not to fluctuate much from day-to-day. Creatinine is not protein bound and is freely filtered by glomeruli. All of the filtered creatinine is excreted in the urine.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

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TEST REPORT

Reg. No. : 403101021 Reg. Date : 29-Mar-2024 09:53 Ref.No : Approved On : 29-Mar-2024 14:46
Name : Mr. LAVLESH GAUTAM Collected On : 29-Mar-2024 10:29
Age : 50 Years Gender: Male Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
Urea	30.1	mg/dL	<= 65 YEARS AGE: <50 mg/dL; >65 YEARS AGE: <71 mg/dL

UREASE/GLDH**Serum**

Useful screening test for evaluation of kidney function. Urea is the final degradation product of protein and amino acid metabolism. In protein catabolism, the proteins are broken down to amino acids and deaminated. The ammonia formed in this process is synthesized to urea in the liver. This is the most important catabolic pathway for eliminating excess nitrogen in the human body. Increased blood urea nitrogen (BUN) may be due to prerenal causes (cardiac decompensation, water depletion due to decreased intake and excessive loss, increased protein catabolism, and high protein diet), renal causes (acute glomerulonephritis, chronic nephritis, polycystic kidney disease, nephrosclerosis, and tubular necrosis), and postrenal causes (eg, all types of obstruction of the urinary tract, such as stones, enlarged prostate gland, tumors). The determination of serum BUN currently is the most widely used screening test for the evaluation of kidney function. The test is frequently requested along with the serum creatinine test since simultaneous determination of these 2 compounds appears to aid in the differential diagnosis of prerenal, renal and postrenal hyperuremia.

Test done from collected sample.

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M.B.B.S.,D.C.P(Patho)
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Approved On: 29-Mar-2024 14:46

TEST REPORT

Reg. No. : 403101021	Reg. Date : 29-Mar-2024 09:53	Ref.No :	Approved On : 29-Mar-2024 14:05
Name : Mr. LAVLESH GAUTAM			Collected On : 29-Mar-2024 10:29
Age : 50 Years	Gender : Male	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>ELECTROLYTES</u>			
Sodium (Na+) <small>Method:ISE</small>	141.00	mmol/L	136 - 145
Potassium (K+) <small>Method:ISE</small>	4.5	mmol/L	3.5 - 5.1
Chloride(Cl-) <small>Method:ISE</small>	106.00	mmol/L	98 - 107

Sample Type: Serum

Comments

The electrolyte panel is ordered to identify electrolyte, fluid, or pH imbalance. Electrolyte concentrations are evaluated to assist in investigating conditions that cause electrolyte imbalances such as dehydration, kidney disease, lung diseases, or heart conditions. Repeat testing of the electrolyte or its components may be used to monitor the patient's response to treatment of any condition that may be causing the electrolyte, fluid or pH imbalance.

----- End Of Report -----

Test done from collected sample.

This is an electronically authenticated report.



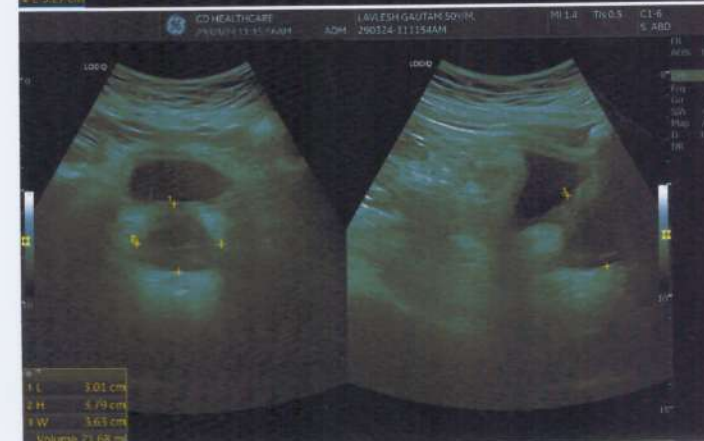
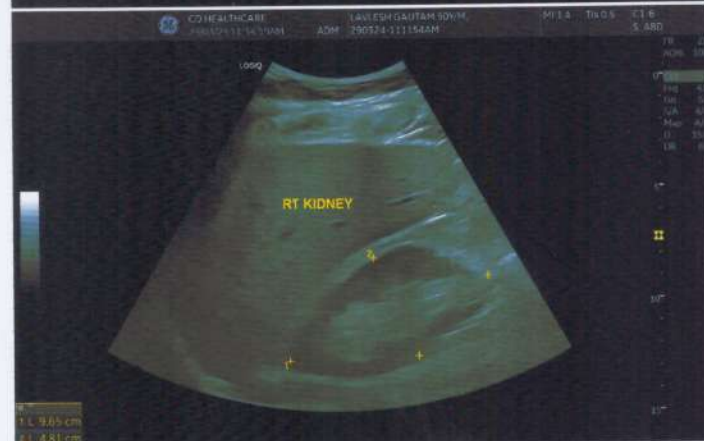
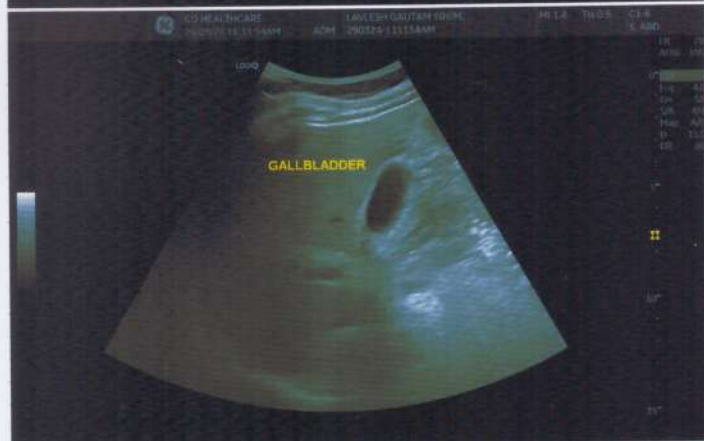
Approved by: Dr. Vidhi Patel

M.D BIOCHEMISTRY
Reg. No.:G-34739

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Generated On : 29-Mar-2024 18:14

Approved On: 29-Mar-2024 14:05



MER- MEDICAL EXAMINATION REPORT

Date of Examination	29-03-2024		
NAME	LAVLESH GAUTAM		
AGE	50 YRS	Gender	MALE
HEIGHT(cm)	165	WEIGHT (kg)	84 Kgs
B.P.	NA		
ECG	REPORTS ATTACHED		
X Ray	REPORTS ATTACHED		
Vision Checkup	Color Vision : NORMAL Far Vision Ratio : 6/6 NORMAL Near Vision Ratio : 6/6 NORMAL		
Present Ailments	NA		
Details of Past ailments (If Any)	NA		
Comments / Advice : She /He is Physically Fit	PHYSICALLY FIT		

Dr. Vipul Ghada
 MD (Internal Medicine)
 Reg.No. G- 18004

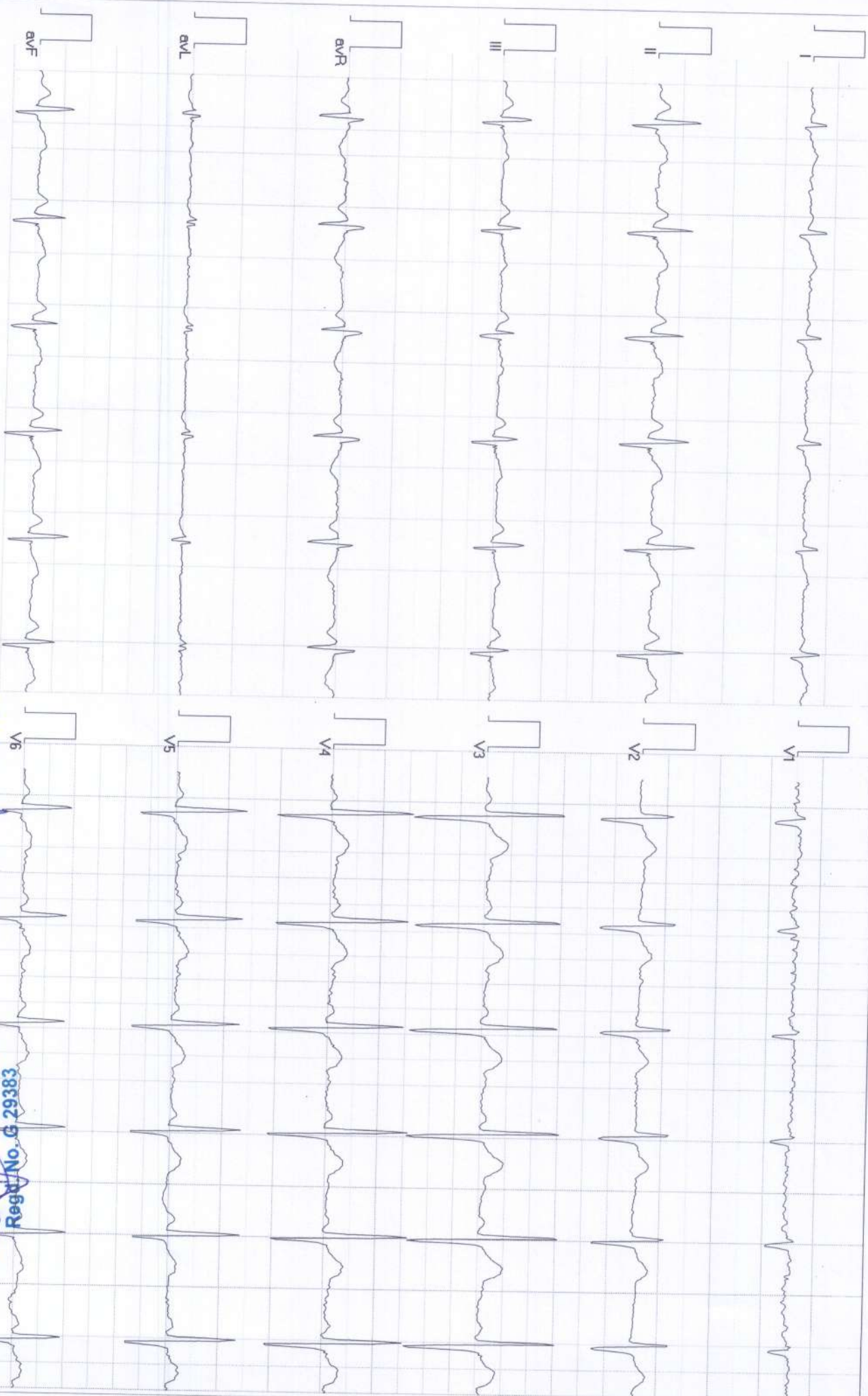
Signature with Stamp of Medical Examiner

CONCEPT DIAGNOSTIC

2075 / LAVLESH GAUTAM / 50 Yrs / M/ Smoker

Heart Rate : 73 bpm / Tested On : 29-Mar-24 12:28:46 / HF 0.05 Hz - LF 35 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

ECG



Allengers ECG (Pisccees)(PIS218210312)

Normal

Dr. Abhimanyu D Kothari
DM (Med) DM (Cardiology)
Reported By: DR. ABHIMANYU D KOTHARI
Interventional Cardiologist
Regd. No. G-29383



NAME :	LAVLESH GAUTAM	DATE :	29/03/2024
AGE/SEX:	50Y/M	REG.NO :	00
REFERRED BY: HEALTH CHECK UP			

X-RAY CHEST PA VIEW

- Both lung fields are clear.
- No evidence of consolidation or Koch's lesion seen.
- Heart size is within normal limit.
- Both CP angles are clear.
- Both dome of diaphragm appear normal.
- Bony thorax under vision appears normal.

Dr. Vidhi Shah
M.D. Radiologist
G-41469

Dr. VIDHI SHAH
MD RADIODIAGNOSIS



NAME :	LAVLESH GAUTAM	DATE :	29/03/2024
AGE/SEX:	50Y/M	REG.NO :	00
REFERRED BY: HEALTH CHECK UP			

USG ABDOMEN

LIVER: normal in size & bright in echotexture s/o fatty liver grade I. No evidence of dilated IHBR. No evidence of focal or diffuse lesion. CBD & Portal vein appears normal.

GALL-BLADDER: normal, No evidence of Gall Bladder calculi.

PANCREAS: appears normal in size & echotexture, No evidence of peri-pancreatic fluid collection.

SPLEEN: normal in size & shows normal echogenicity.

KIDNEYS: Right kidney measures 96 x 48 mm. Left kidney measures 93 x 52 mm. Both kidneys appear normal in size & echotexture. No evidence of calculus or hydronephrosis on either side.

URINARY

BLADDER: appears normal and shows normal distension & normal wall thickness. No evidence of calculus or mass lesion.

PROSTATE: normal in size & echotexture.

No evidence of Ascites.

No evidence of significant lymphadenopathy.

USG WITH HIGH FREQUENCY SOFT TISSUE PROBE:

Visualized bowel loops appears normal in caliber. No evidence of focal or diffuse wall thickening. No collection in RIF.

CONCLUSION:

- Fatty liver grade I.

Dr. Vidhi Shah
M.D. Radiologist
-41469

Dr. VIDHI SHAH
MD RADIODIAGNOSIS

TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 15:32
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
Complete Blood Count <u>Specimen: EDTA blood</u>			
Hemoglobin			
Hemoglobin(SLS method)	L 11.8	g/dL	12.0 - 15.0
Hematocrit (calculated)	L 35.2	%	36 - 46
RBC Count(Ele.Impedence)	4.29	X 10 ¹² /L	3.8 - 4.8
MCV (Calculated)	L 82.1	fL	83 - 101
MCH (Calculated)	27.5	pg	27 - 32
MCHC (Calculated)	33.5	g/dL	31.5 - 34.5
RDW (Calculated)	12.7	%	11.5 - 14.5
Differential WBC count (Impedance and flow)			
Total WBC count	5100	/μL	4000 - 10000
Neutrophils	65	%	38 - 70
Lymphocytes	25	%	21 - 49
Monocytes	07	%	3 - 11
Eosinophils	03	%	0 - 7
Basophils	00	%	0 - 1
Platelet			
Platelet Count (Ele.Impedence)	155000	/cmm	150000 - 410000
MPV	11.60	fL	6.5 - 12.0
Platelets appear on the smear	Adequate		
Malarial Parasites	Not Detected		
EDTA Whole Blood			

Note: All abnormal hemograms are reviewed and confirmed microscopically. Peripheral blood smear and malarial parasite examination are not part of CBC report.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho) Page 1 of 16
G- 22475

Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 15:32

TEST REPORT

Reg. No. : 403101040 Reg. Date : 29-Mar-2024 13:31 Ref.No : Approved On : 29-Mar-2024 16:17
Name : Mrs. SUSHMA GAUTAM Collected On : 29-Mar-2024 14:45
Age : 50 Years Gender: Female Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
ESR	05	mm/hr	17-50 Yrs : <12, 51-60 Yrs : <19, 61-70 Yrs : <20, >70 Yrs : <30

Method: Modified Westergren

EDTA Whole Blood

Test done from collected sample.

This is an electronically authenticated report.



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M.B.B.S., D.C.P (Patho)
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 16:17

TEST REPORT

Reg. No. : 403101040 **Reg. Date** : 29-Mar-2024 13:31 **Ref.No** : **Approved On** : 29-Mar-2024 15:41
Name : Mrs. SUSHMA GAUTAM **Collected On** : 29-Mar-2024 14:45
Age : 50 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
BLOODGROUP & RH			
<u>Specimen: EDTA and Serum; Method: Gel card system</u>			
Blood Group "ABO" <i>Agglutination</i>	"O"		
Blood Group "Rh" <i>Agglutination</i>	Positive		
EDTA Whole Blood			

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho)
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 15:41

TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 18:32
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
PERIPHERAL BLOOD SMEAR EXAMINATION			
Specimen: Peripheral blood smear & EDTA blood, Method:Microscopy			
RBC Morphology	RBCs are normocytic normochromic.		
WBC Morphology	Total WBC and differential count is within normal limit. No abnormal cells or blasts are seen.		
Differential Count	.		
Neutrophils	67	%	38 - 70
Lymphocytes	25	%	21 - 49
Monocytes	07	%	3 - 11
Eosinophils	01	%	
Basophils	00	%	0 - 2
Platelets	Platelets are adequate with normal morphology.		
Parasite	Malarial parasite is not detected.		
Sample Type: EDTA Whole Blood			

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Rina Prajapati

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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 18:32

TEST REPORT

Reg. No. : 403101040 Reg. Date : 29-Mar-2024 13:31 Ref.No : Approved On : 29-Mar-2024 17:11
Name : Mrs. SUSHMA GAUTAM Collected On : 29-Mar-2024 14:45
Age : 50 Years Gender: Female Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
FASTING PLASMA GLUCOSE Specimen: Fluoride plasma			
Fasting Plasma Glucose <i>Hexokinase</i>	99.94	mg/dL	Normal: <=99.0 Prediabetes: 100-125 Diabetes :>=126

Fluoride Plasma

Criteria for the diagnosis of diabetes:

1. HbA1c >= 6.5 *

Or

2. Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.

Or

3. Two hour plasma glucose >= 200mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.

Or

4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose >= 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho)
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 17:11

TEST REPORT

Reg. No. : 403101040 Reg. Date : 29-Mar-2024 13:31 Ref.No : Approved On : 29-Mar-2024 17:07
Name : Mrs. SUSHMA GAUTAM Collected On : 29-Mar-2024 14:51
Age : 50 Years Gender: Female Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
POST PRANDIAL PLASMA GLUCOSE Specimen: Fluoride plasma			
Post Prandial Plasma Glucose <i>Hexokinase</i>	L 108.79	mg/dL	Normal: <=139 Prediabetes : 140-199 Diabetes: >=200
Flouride Plasma			

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho) Page 6 of 16
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 17:07

TEST REPORT

Reg. No. : 403101040 **Reg. Date** : 29-Mar-2024 13:31 **Ref.No** : **Approved On** : 29-Mar-2024 16:17
Name : Mrs. SUSHMA GAUTAM **Collected On** : 29-Mar-2024 14:45
Age : 50 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
-----------	---------	-------	--------------------

GGT	20.0	U/L	6 - 42
-----	------	-----	--------

L-Y-Glutamyl-3 Carboxy-4-Nitroanilide, Enzymetic Colorimetric

Serum

Uses:

- Diagnosing and monitoring hepatobiliary disease.
- To ascertain whether the elevated ALP levels are due to skeletal disease or due to presence of hepatobiliary disease.
- A screening test for occult alcoholism.

Increased in:

- Intra hepatic biliary obstruction.
- Post hepatic biliary obstruction
- Alcoholic cirrhosis
- Drugs such as phenytoin and phenobarbital.
- Infectious hepatitis (modest elevation)
- Primary/ Secondary neoplasms of liver.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho) Page 7 of 16
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 16:17

TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 16:14
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>LIPID PROFILE</u>			
CHOLESTEROL	165.00	mg/dL	Desirable <=200 Borderline high risk 200 - 240 High Risk >240
Triglyceride <i>Enzymatic Colorimetric Method</i>	96.00	mg/dL	<150 : Normal, 150-199 : Border Line High, 200-499 : High, >=500 : Very High
Very Low Density Lipoprotein(VLDL) <i>Calculated</i>	19	mg/dL	0 - 30
Low-Density Lipoprotein (LDL) <i>Calculated Method</i>	98.40	mg/dL	< 100 : Optimal, 100-129 : Near Optimal/above optimal, 130-159 : Borderline High, 160-189 : High, >=190 : Very High
High-Density Lipoprotein(HDL)	47.60	mg/dL	<40 >60
CHOL/HDL RATIO <i>Calculated</i>	3.47		0.0 - 3.5
LDL/HDL RATIO <i>Calculated</i>	2.07		1.0 - 3.4
TOTAL LIPID <i>Calculated</i>	482.00	mg/dL	400 - 1000
Serum			

As a routine test to determine if your cholesterol level is normal or falls into a borderline-, intermediate- or high-risk category.
 To monitor your cholesterol level if you had abnormal results on a previous test or if you have other risk factors for heart disease.
 To monitor your body's response to treatment, such as cholesterol medications or lifestyle changes.
 To help diagnose other medical conditions, such as liver disease.
 Note : biological reference intervals are according to the national cholesterol education program (NCEP) guidelines.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho) Page 8 of 16
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Approved On: 29-Mar-2024 16:14

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TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 16:14
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>LIVER FUNCTION TEST</u>			
TOTAL PROTEIN	7.66	g/dL	6.6 - 8.8
ALBUMIN	4.32	g/dL	3.5 - 5.2
GLOBULIN <i>Calculated</i>	3.34	g/dL	2.4 - 3.5
ALB/GLB <i>Calculated</i>	1.29		1.2 - 2.2
SGOT	25.50	U/L	<31
SGPT	4.60	U/L	<31
Alkaline Phosphatase <i>ENZYMATIC COLORIMETRIC IFCC, PNP, AMP BUFFER</i>	79.50	U/L	40 - 130
TOTAL BILIRUBIN	1.02	mg/dL	0.1 - 1.2
DIRECT BILIRUBIN	0.27	mg/dL	<0.2
INDIRECT BILIRUBIN <i>Calculated</i>	0.75	mg/dL	0.0 - 1.00
Serum			

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho)
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Generated On : 29-Mar-2024 19:19

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TEST REPORT

Reg. No. : 403101040 **Reg. Date** : 29-Mar-2024 13:31 **Ref.No** : **Approved On** : 29-Mar-2024 18:57
Name : Mrs. SUSHMA GAUTAM **Collected On** : 29-Mar-2024 14:45
Age : 50 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
HEMOGLOBIN A1C (HBA1C) <i>High Performance Liquid Chromatography (HPLC)</i>	4.90	%	Normal: ≤ 5.6 Prediabetes: 5.7-6.4 Diabetes: ≥ 6.5 Diabetes Control Criteria : 6-7 : Near Normal Glycemia <7 : Goal 7-8 : Good Control >8 : Action Suggested
Mean Blood Glucose <i>(Calculated)</i>	94	mg/dL	

Sample Type: EDTA Whole Blood

Criteria for the diagnosis of diabetes

- HbA1c ≥ 6.5 * Or Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs. Or
- Two hour plasma glucose ≥ 200 mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water. Or
- In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose ≥ 200 mg/dL. *In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing. American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011:34:S11.

Limitation of HbA1c

- In patients with Hb variants even analytically correct results do not reflect the same level of glycemic control that would be expected in patients with normal population.
 - Any cause of shortened erythrocyte survival or decreased mean erythrocyte survival or decreased mean erythrocyte age eg. hemolytic diseases, pregnancy, significant recent/chronic blood loss etc. will reduce exposure of RBC to glucose with consequent decrease in HbA1c values.
 - Glycated HbF is not detected by this assay and hence specimens containing high HbF ($>10\%$) may result in lower HbA1c values than expected. Importance of HbA1C (Glycated Hb.) in Diabetes Mellitus
- HbA1C, also known as glycated hemoglobin, is the most important test for the assessment of long term blood glucose control(also called glycemic control).
 - HbA1C reflects mean glucose concentration over past 6-8 weeks and provides a much better indication of longterm glycemic control than blood glucose determination.
 - HbA1c is formed by non-enzymatic reaction between glucose and Hb. This reaction is irreversible and therefore remains unaffected by short term fluctuations in blood glucose levels.
 - Long term complications of diabetes such as retinopathy (Eye-complications), nephropathy (kidney-complications) and neuropathy (nerve complications), are potentially serious and can lead to blindness, kidney failure, etc.
 - Glycemic control monitored by HbA1c measurement using HPLC method (GOLD STANDARD) is considered most important. (Ref. National Glycohaemoglobin Standardization Program - NGSP)
- Note : Biological reference intervals are according to American Diabetes Association (ADA) Guidelines.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: **Dr. Rina Prajapati**

D.C.P. DNB (Path) Page 10 of 16
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 18:57

TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 18:57
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Bio-Rad CDM System
Bio-Rad Variant V-II Instrument #1

PATIENT REPORT
V2TURBO_A1c_2.0

Patient Data

Sample ID: 140303500821
 Patient ID:
 Name:
 Physician:
 Sex:
 DOB:

Analysis Data

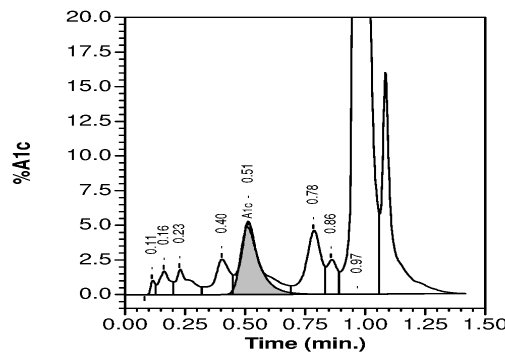
Analysis Performed: 29/03/2024 18:35:08
 Injection Number: 13799
 Run Number: 591
 Rack ID:
 Tube Number: 6
 Report Generated: 29/03/2024 18:49:22
 Operator ID:

Comments:

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
Unknown	---	0.2	0.112	3548
A1a	---	0.8	0.160	13034
A1b	---	1.1	0.226	18341
LA1c	---	1.5	0.402	24919
A1c	4.9	---	0.510	67071
P3	---	3.1	0.784	50404
P4	---	1.1	0.858	18188
Ao	---	87.9	0.966	1420141

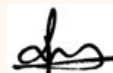
Total Area: 1,615,645

HbA1c (NGSP) = 4.9 %



Test done from collected sample.

This is an electronically authenticated report.

Approved by: Dr. Rina Prajapati

D.C.P. DNB (Path) Page 11 of 16
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 18:57

TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 19:19
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	0.80	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	6.39	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CMIA</small>	2.510	µIU/mL	0.35 - 4.94

Sample Type: Serum**Comments:**

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

Test done from collected sample.

This is an electronically authenticated report.

**Approved by: Dr. Rina Prajapati**D.C.P. DNB (Path) Page 12 of 16
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TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 16:11
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>URINE ROUTINE EXAMINATION</u>			
<u>Physical Examination</u>			
Colour	Pale Yellow		
Clarity	Clear		
<u>CHEMICAL EXAMINATION (by strip test)</u>			
pH	6.0		4.6 - 8.0
Sp. Gravity	1.030		1.002 - 1.030
Protein	Present(+)		Absent
Glucose	Nil		Absent
Ketone	Nil		Absent
Bilirubin	Nil		Nil
Nitrite	Negative		Nil
<u>MICROSCOPIC EXAMINATION</u>			
Leucocytes (Pus Cells)	4-5		0 - 5/hpf
Erythrocytes (RBC)	Nil		0 - 5/hpf
Casts	Nil	/hpf	Absent
Crystals	Nil		Absent
Epithelial Cells	2-3		Nil
Monilia	Nil		Nil
T. Vaginalis	Nil		Nil
Urine			

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho) Page 13 of 16
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 16:11

TEST REPORT

Reg. No. : 403101040 **Reg. Date** : 29-Mar-2024 13:31 **Ref.No** : **Approved On** : 29-Mar-2024 16:14
Name : Mrs. SUSHMA GAUTAM **Collected On** : 29-Mar-2024 14:45
Age : 50 Years **Gender:** Female **Pass. No. :** **Dispatch At** :
Ref. By : APOLLO **Tele No.** :
Location :

Test Name	Results	Units	Bio. Ref. Interval
Creatinine	0.59	mg/dL	0.51 - 1.5

Serum

Creatinine is the most common test to assess kidney function. Creatinine levels are converted to reflect kidney function by factoring in age and gender to produce the eGFR (estimated Glomerular Filtration Rate). As the kidney function diminishes, the creatinine level increases; the eGFR will decrease. Creatinine is formed from the metabolism of creatine and phosphocreatine, both of which are principally found in muscle. Thus the amount of creatinine produced is, in large part, dependent upon the individual's muscle mass and tends not to fluctuate much from day-to-day. Creatinine is not protein bound and is freely filtered by glomeruli. All of the filtered creatinine is excreted in the urine.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho)
G- 22475

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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 16:14

TEST REPORT

Reg. No. : 403101040 Reg. Date : 29-Mar-2024 13:31 Ref.No : Approved On : 29-Mar-2024 16:18
Name : Mrs. SUSHMA GAUTAM Collected On : 29-Mar-2024 14:45
Age : 50 Years Gender: Female Pass. No. : Dispatch At :
Ref. By : APOLLO Tele No. :
Location :

Test Name	Results	Units	Bio. Ref. Interval
Urea	23.0	mg/dL	<= 65 YEARS AGE: <50 mg/dL; >65 YEARS AGE: <71 mg/dL

UREASE/GLDH

Serum

Useful screening test for evaluation of kidney function. Urea is the final degradation product of protein and amino acid metabolism. In protein catabolism, the proteins are broken down to amino acids and deaminated. The ammonia formed in this process is synthesized to urea in the liver. This is the most important catabolic pathway for eliminating excess nitrogen in the human body. Increased blood urea nitrogen (BUN) may be due to prerenal causes (cardiac decompensation, water depletion due to decreased intake and excessive loss, increased protein catabolism, and high protein diet), renal causes (acute glomerulonephritis, chronic nephritis, polycystic kidney disease, nephrosclerosis, and tubular necrosis), and postrenal causes (eg, all types of obstruction of the urinary tract, such as stones, enlarged prostate gland, tumors). The determination of serum BUN currently is the most widely used screening test for the evaluation of kidney function. The test is frequently requested along with the serum creatinine test since simultaneous determination of these 2 compounds appears to aid in the differential diagnosis of prerenal, renal and postrenal hyperuremia.

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

M.B.B.S.,D.C.P(Patho) Page 15 of 16
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Generated On : 29-Mar-2024 19:19

Approved On: 29-Mar-2024 16:18

TEST REPORT

Reg. No. : 403101040	Reg. Date : 29-Mar-2024 13:31	Ref.No :	Approved On : 29-Mar-2024 17:05
Name : Mrs. SUSHMA GAUTAM			Collected On : 29-Mar-2024 14:45
Age : 50 Years	Gender: Female	Pass. No. :	Dispatch At :
Ref. By : APOLLO			Tele No. :
Location :			

Test Name	Results	Units	Bio. Ref. Interval
<u>ELECTROLYTES</u>			
Sodium (Na+) <small>Method:ISE</small>	137.0	mmol/L	136 - 145
Potassium (K+) <small>Method:ISE</small>	3.9	mmol/L	3.5 - 5.1
Chloride(Cl-) <small>Method:ISE</small>	102.0	mmol/L	98 - 107
Serum			

Comments

The electrolyte panel is ordered to identify electrolyte, fluid, or pH imbalance. Electrolyte concentrations are evaluated to assist in investigating conditions that cause electrolyte imbalances such as dehydration, kidney disease, lung diseases, or heart conditions. Repeat testing of the electrolyte or its components may be used to monitor the patient's response to treatment of any condition that may be causing the electrolyte, fluid or pH imbalance.

Report To Follow:
LBC PAP SMEAR (Cytology)

----- End Of Report -----

Test done from collected sample.

This is an electronically authenticated report.



Approved by: Dr. Keyur Patel

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Generated On : 29-Mar-2024 19:19

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MER- MEDICAL EXAMINATION REPORT

Date of Examination	29-03-2024		
NAME	GAUTAM SUSHMA		
AGE	50 YRS	Gender	FEMALE
HEIGHT(cm)	164	WEIGHT (kg)	75 Kgs
B.P.	NA		
ECG	REPORTS ATTACHED		
X Ray	REPORTS ATTACHED		
Vision Checkup	Color Vision : NORMAL Far Vision Ratio : 6/6 NORMAL Near Vision Ratio : 6/6 NORMAL		
Present Ailments	NA		
Details of Past ailments (If Any)	NA		
Comments / Advice : She /He is Physically Fit	PHYSICALLY FIT		

Dr. Vipul Ghavda
 MD (Internal Medicine)
 Reg.No. G- 18004

Signature with Stamp of Medical Examiner

Sushma Gautam

29/3/2024

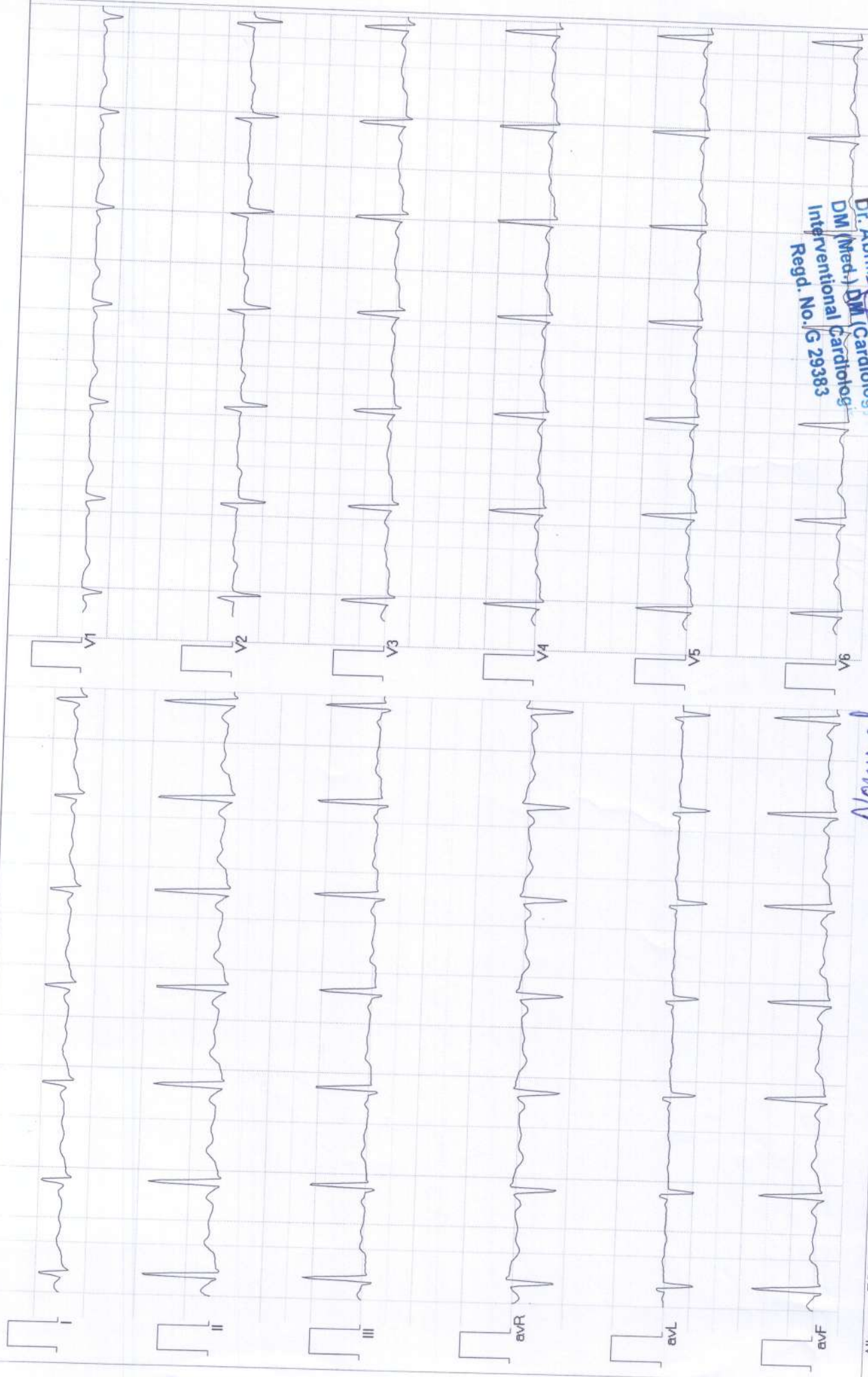
I am not willing to for
LBC PAPS test.

Sushma

CONCEPT DIAGNOSTIC

2074 / GAUTAM SUSHMA / 50 Yrs / F / 164Cms. / 75Kgs. / Non Smoker
Heart Rate : 80 bpm / Tested On : 29-Mar-24 12:22:18 / HF 0.05 Hz - LF 35 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

ECG



Normal

Dr. Abhimanyu Kothari
DM (Med.), DM (Cardiology)
Interventional Cardiologist
Regd. No. G. 29383

Reported by **DR. ABHIMANYU KOTHARI**



NAME :	SUSHMA GAUTAM	DATE :	29/03/2024
AGE/SEX:	50Y/F	REG.NO :	00
REFERRED BY: HEALTH CHECK UP			

X-RAY CHEST PA VIEW

- Both lung fields are clear.
- No evidence of consolidation or Koch's lesion seen.
- Heart size is within normal limit.
- Both CP angles are clear.
- Both dome of diaphragm appear normal.
- Bony thorax under vision appears normal.

Dr. Vidhi Shah
M.D. Radiologist
979244469

Dr. VIDHI SHAH
MD RADIODIAGNOSIS



NAME :	SUSHMA GAUTAM	DATE :	29/03/2024
AGE/SEX:	50Y/F	REG.NO :	00
REFERRED BY: HEALTH CHECK UP			

USG ABDOMEN

LIVER: normal in size & shows normal echotexture. No evidence of dilated IHBR. No evidence of focal or diffuse lesion. CBD & Portal vein appears normal.

GALL-BLADDER: normal, No evidence of Gall Bladder calculi.

PANCREAS: appears normal in size & echotexture, No evidence of peri-pancreatic fluid collection.

SPLEEN: normal in size & shows normal echogenicity.

KIDNEYS: Right kidney measures 100 x 33 mm. Left kidney measures 91 x 48 mm. Both kidneys appear normal in size & echotexture. No evidence of calculus or hydronephrosis on either side.

URINARY BLADDER: appears normal and shows minimal distension & normal wall thickness. No evidence of calculus or mass lesion.

UTERUS: normal in size and echopattern. No e/o adnexal mass seen on either side.

USG WITH HIGH FREQUENCY SOFT TISSUE PROBE:

Visualized bowel loops appears normal in caliber. No evidence of focal or diffuse wall thickening. No collection in RIF. No evidence of Ascites.

CONCLUSION:

- NORMAL USG ABDOMEN.

Dr. Vidhi Shah
 Dr. VIDHI SHAH
 MD, RADIODIAGNOSIS

