


TEST REPORT

Reg. No : 2411100372	UHID : UHID28139	Reg. Date : 23-Nov-2024
Name : MR PRAJAPATI KIRAN		Collected On : 23-Nov-2024 08:42
Age/Sex : 22 Years / Male		Report Date : 23-Nov-2024
Ref. By : MEDIWHEEL		

Parameter	Result	Unit	Reference Interval
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COMPLETE BLOOD COUNT (CBC)

Hemoglobin (SLS method)	16.8	g/dL	13.0 - 17.0
Hematocrit (Electrical Impedance)	49.3	%	40 - 54
RBC Count (Electrical Impedance)	5.52	million/cmm	4.5 - 5.5
WBC Count (Flowcytometry)	6190	/cmm	4000 - 10000
Platelet Count (Electrical Impedance)	264000	/cmm	150000 - 410000
MCV (Calculated)	89.3	fL	83 - 101
MCH (Calculated)	30.4	Pg	27 - 32
MCHC (Calculated)	34.1	%	31.5 - 34.5
RDW (Calculated)	14.0	%	11.5 - 14.5

DIFFERENTIAL WBC COUNT

Neutrophils (%)	50	%	38 - 70
Lymphocytes (%)	40	%	20 - 45
Monocytes (%)	06	%	2 - 8
Eosinophils (%)	04	%	1 - 4
Basophils (%)	00	%	0 - 1
Neutrophils (Absolute)	3095	/cmm	1800 - 7700
Lymphocytes (Absolute)	2476	/cmm	1000 - 3900
Monocytes (Absolute)	371	/cmm	200 - 800
Eosinophils (Absolute)	248	/cmm	20 - 500
Basophils (Absolute)	0	/cmm	0 - 100
Neutrophil-Lymphocyte Ratio(NLR)	1.24	/cmm	0.7 - 4.0

PERIPHERAL SMEAR EXAMINATION


RBC Morphology	RBCs are Normochromic Normocytic.
WBC Morphology	Total WBC and differential count is within normal.
Platelets	Platelets are adequate with normal morphology.
Parasites	Malarial parasite is not detected.

ERYTHROCYTE SEDIMENTATION RATE

ESR (After 1 hour)	12	mm/hr	0 - 14
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Approved by: 
 Dr. Yesha H. Shah
 (MD.Pathology)


 Mr. Akshay Parmar
 M.Sc(Biochemistry)



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BLOOD GROUP & RH

SPECIMEN: EDTA AND SERUM; METHOD: HAEMAGGLUTINATION

ABO 'AB'
Rh (D) Positive

POST PRANDIAL BLOOD SUGAR

SPECIMEN: FLUORIDE PLASMA/ SERUM

PPBS

Post Prandial Blood Sugar (PPBS) 125.3 mg/dL 110 - 140
Glucose Oxidase-Peroxidase

FASTING BLOOD SUGAR

SPECIMEN: FLUORIDE PLASMA/ SERUM

FBS

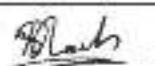
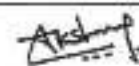
Fasting Blood Sugar (FBS) 88.1 mg/dL 70 - 110
Glucose Oxidase-Peroxidase

Criteria for the diagnosis of diabetes 1. HbA1c \geq 6.5*

- Or
 - 2. Fasting plasma glucose \geq 126 mg/dL. Fasting is defined as no caloric intake at least for 8 hrs.
 - Or
 - 3. Two hour plasma glucose \geq 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 \geq 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.

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HEMOGLOBIN A1C ESTIMATION

Specimen: Blood EDTA

Hb A1C <small>HPLC, NGSP Certified</small>	5.5	%	>8 : Action Suggested ; 7-8 : Good Control , <7 : Goal , 6-7 : Near Normal Glycemia, <6 : Non-diabetic Level
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Mean Blood Glucose <small>Calculated</small>	111.15	mg/dL
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Criteria for the diagnosis of diabetes:

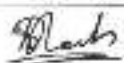
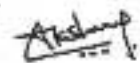
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Importance of HbA1C (Glycated Hb.) in Diabetes Mellitus:

- HbA1C, also known as glycated hemoglobin, is the most important test for the assessment of long term blood glucose control(also called glycemc control).
- HbA1C reflects mean glucose concentration over pas 6-8 weeks and provides a much better indication of longterm glycemc 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.- Glycemc control monitored by HbA1c measurement using HPLC method (GOLD STANDARD) is considered most important. (Ref. National Glycohaemoglobin Standardization Program - NGSP).

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THYROID FUNCTION TEST

T3 (Triiodothyronine) CMA	0.89	ng/mL	0.6 - 1.81
T4 (Thyroxine) CMA	5.89	µg/dL	4.5 - 12.5
TSH ELFA-Enzyme Linked Fluorescent Assay	0.785	µIU/ml	0.35 - 4.94

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, thyrotrophin-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

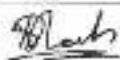
Third trimester : 0.3 to 3.0 µIU/mL


Reference : Carl A.Burtis,Edward R.Ashwood,David E.Brunz. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition.

Philadelphia: WB Saunders,2012:2170

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FDR OPD APPOINTMENT : +91 9081 610 444, FDR LABORATORY & HEALTH CHECK UP 9081 620 444

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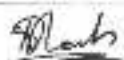
LIPID PROFILE

Cholesterol <i>CHOD-PAP method</i>	132	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>Enzymatic with GPO method</i>	77.0	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
VLDL <i>Calculated</i>	15.40	mg/dL	15 - 35
LDL CHOLESTEROL	83.50	mg/dL	Optimal : < 100.0 Near / above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >190.0
HDL Cholesterol <i>Magnetic Cholesterol Oxidase</i>	33.1	mg/dL	Low : < 40 High : > 60
Cholesterol /HDL Ratio <i>Calculated</i>	3.99		0 - 5.0
LDL / HDL RATIO <i>Calculated</i>	2.52		0 - 3.5
Total Lipids <i>Calculated</i>	378.00		400 - 1000

- Pre-analytical requirements for given tests are -Fasting status anywhere between 10-12 hours before collection. Avoid alcohol beverages before lipid panel - minimum 24 hrs.
- Lipid profile results can be erroneous if pre-analytical requirements are not met properly.
- Any medical decision based on test results is to be taken with 2 or more consecutive results suggesting pattern.
- Please note that any lipid lowering drug may interfere in results estimation.
- Sudden commencement or sudden withdrawal of Lipid lowering drug will interfere with test result.

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RENAL FUNCTION TEST			
Creatinine <i>Enzymatic, IDMS Traceable</i>	0.80	mg/dL	0.7 - 1.3
Urea <i>Urease-GLDH, enzymatic UV</i>	25.3	mg/dL	19.0 - 45.0
BUN <i>Calculated</i>	11.82	mg/dL	7 - 18
Uric Acid <i>Enzymatic using TBHA</i>	4.5	mg/dL	3.5 - 7.2
Sodium <i>Direct ISE</i>	138.3	mmol/L	137 - 145
Potassium <i>Direct ISE</i>	4.58	mmol/L	3.6 - 5.1
Chloride <i>Direct ISE</i>	95.3	mmol/L	94 - 110
Ionized Calcium <i>Direct ISE</i>	4.78	mg/dL	4.4 - 5.4

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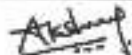
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LIVER FUNCTION TEST			
SGPT <i>Optimized UV-IFCC</i>	13.1	U/L	1 - 45
SGOT <i>Optimized UV-IFCC</i>	20.9	U/L	1 - 35
Total Bilirubin <i>DCA method</i>	1.48	mg/dL	0 - 2.0
Direct Bilirubin <i>DCA method</i>	0.35	mg/dL	0.0 - 0.4
INDIRECT BILIRUBIN <i>Calculated</i>	1.13	mg/dL	0.0 - 1.6
Alkaline Phosphatase <i>PNP-AMP Buffer, Multiple-point rate</i>	59	U/L	53 - 128
Total Protein	7.18	g/dL	6.4 - 8.2
Albumin <i>By Bromocresol Green</i>	3.89	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	3.27	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.19		0.8 - 2.0
GGT	47.1	U/L	1 - 55

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URINE ROUTINE EXAMINATION**PHYSICAL EXAMINATION**

Quantity 10 cc
Colour Pale Yellow
Clarity Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)


pH	7.0	4.6 - 8.0
Sp. Gravity	1.015	1.002 - 1.03
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 5/hpf
Erythrocytes (Red Cells)	Nil
Epithelial Cells	1-2/hpf
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil
Yeast	Nil
T. Vaginalis	Nil
Spermatozoa	Nil

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Name: KIRAN PRAJAPATI

Sex: Male

Age: 22Y

Clinic No.:

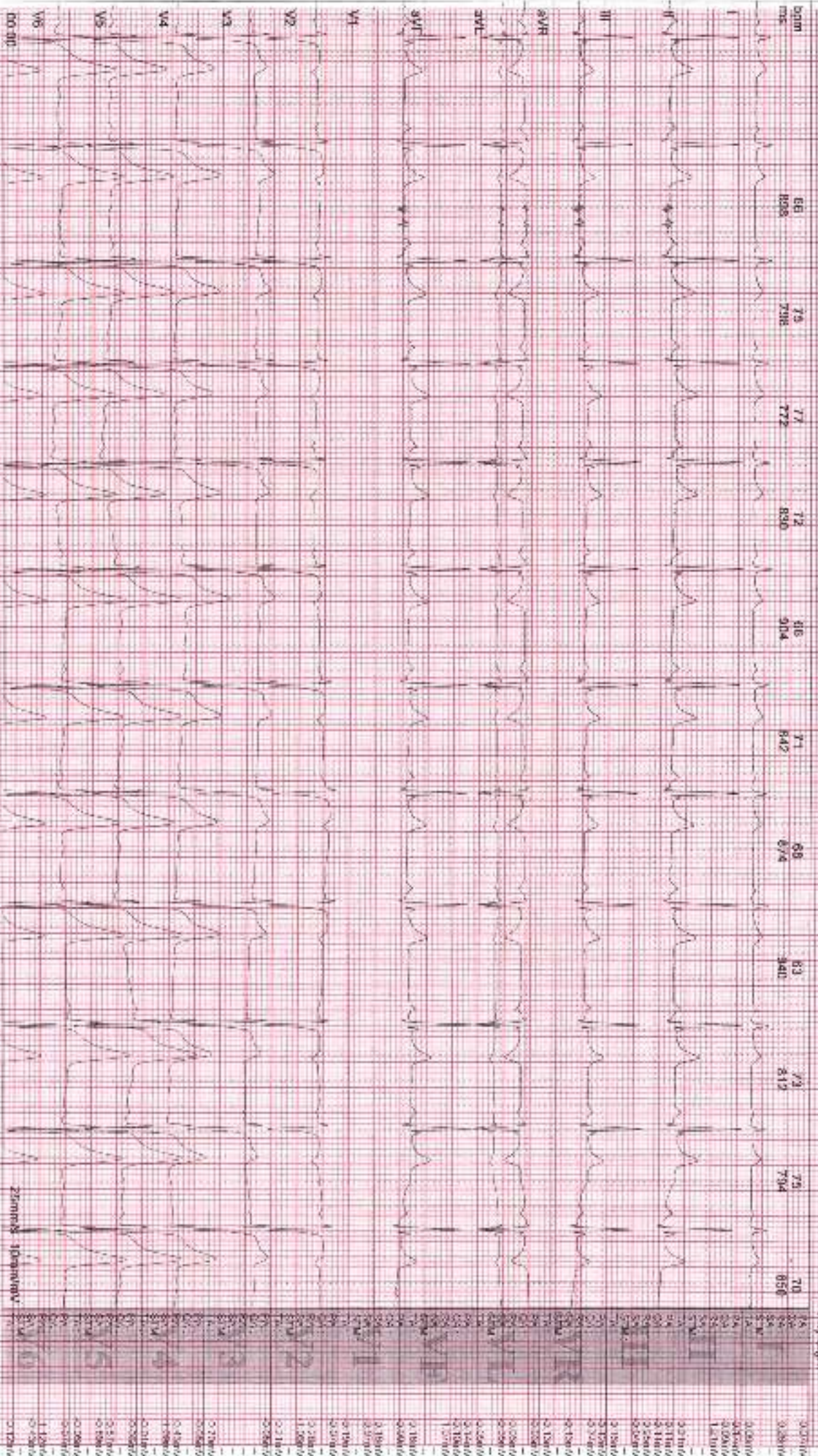
Bed No.:

SN: 0001482

Session:

Date: 23/11/2024 09:02:14

Case No.:



Frequency

1000 Hz

PR Interval:

94 ms

Sample Time:

13 s

QT Interval:

270 ms

HR:

71 bpm

QTc Interval:

293 ms

P Interval:

96 ms

P Axis:

57.15°

QRS Interval:

82 ms

QRS Axis:

74.07°

T Interval:

200 ms

T Axis:

63.18°

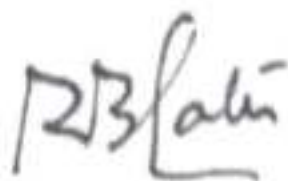
Prompt
Total Beats: 13, Normal Beats: 13, SVE: 0, WE: 0.
Normal Heart Rate (HR) between 60 and 100 bpm;
Normal cardiac electric axis (QRS axis) between 30 degree and 90 degree);
(Short PR, normal QRS, No pre-excitation wave at the start of QRS complex);

Phy Sign:

Patient Name	PRAJAPATI KIRAN	Patient ID	UHID28139
Age/Gender	22 Years / M	Study Date	23-Nov-2024
Referred By		Reported Date	23-Nov-2024

X – RAY CHEST PA VIEW:

Both lung fields under vision appear normal.
Cardiac size appears normal.
Both costophrenic angles are clear.
Hilar regions are normal.
Both domes appear normal in position.
Bony thorax under vision appears normal.



Dr. Ruchit Patel
MD Radiology REG-11899

Date Reported: 23-Nov-2024

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First Trimester : 0.1 to 2.5 µIU/mL

Second Trimester : 0.2 to 3.0 µIU/mL

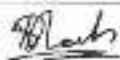
Third trimester : 0.3 to 3.0 µIU/mL


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

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

This is an electronically authenticated report.

Approved by: 
Dr. Yeesha H. Shah
(MD.Pathology)


Mr. Akshay Parmar
M.Sc(Biochemistry)

Vastrapur Lake-Himalaya Mall Link Road, Sunrise Park, Vastrapur, Ahmedabad-380054 • Phone: 079-2694 4444, 2684 5555

PHONE: (079) 2684 4444 FOR EMERGENCY (079) 2684 5555 • Email: dhshospitals@gmail.com • Web: www.dhshospitals.com

FDR OPD APPOINTMENT : +91 9081 610 444, FDR LABORATORY & HEALTH CHECK UP 9081 620 444

DHS Properties and Hospitals LLP | CIN : AAA-7816

**TEST REPORT**

Reg. No : 2411100372 **UHID :** UHID28139 **Reg. Date :** 23-Nov-2024
Name : MR PRAJAPATI KIRAN **Collected On :** 23-Nov-2024 08:42
Age/Sex: 22 Years / Male **Report Date :** 23-Nov-2024
Ref. By : MEDIWHEEL

Parameter	Result	Unit	Biological Reference Interval
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LIPID PROFILE

Cholesterol <i>CHOD-PAP method</i>	132	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>Enzymatic with GPO method</i>	77.0	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
VLDL <i>Calculated</i>	15.40	mg/dL	15 - 35
LDL CHOLESTEROL	83.50	mg/dL	Optimal : < 100.0 Near / above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >190.0
HDL Cholesterol <i>Magnetic Cholesterol Oxidase</i>	33.1	mg/dL	Low : < 40 High : > 60
Cholesterol /HDL Ratio <i>Calculated</i>	3.99		0 - 5.0
LDL / HDL RATIO <i>Calculated</i>	2.52		0 - 3.5
Total Lipids <i>Calculated</i>	378.00		400 - 1000

- Pre-analytical requirements for given tests are -Fasting status anywhere between 10-12 hours before collection. Avoid alcohol beverages before lipid panel - minimum 24 hrs.
- Lipid profile results can be erroneous if pre-analytical requirements are not met properly.
- Any medical decision based on test results is to be taken with 2 or more consecutive results suggesting pattern.
- Please note that any lipid lowering drug may interfere in results estimation.
- Sudden commencement or sudden withdrawal of Lipid lowering drug will interfere with test result.

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

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Approved by: Dr. Yesha H. Shah
(MD.Pathology)
Mr. Akshay Parmar
M.Sc(Biochemistry)

**TEST REPORT**

Reg. No : 2411100372 UHID : UHID28139 Reg. Date : 23-Nov-2024
Name : MR. PRAJAPATI KIRAN Collected On : 23-Nov-2024 08:42
Age/Sex : 22 Years / Male Report Date : 23-Nov-2024
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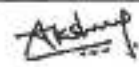
Parameter	Result	Unit	Reference Interval
RENAL FUNCTION TEST			
Creatinine <i>Enzymatic, IDMS Traceable</i>	0.80	mg/dL	0.7 - 1.3
Urea <i>Urease-GLDH, enzymatic UV</i>	25.3	mg/dL	19.0 - 45.0
BUN <i>Calculated</i>	11.82	mg/dL	7 - 18
Uric Acid <i>Enzymatic using TBHA</i>	4.5	mg/dL	3.5 - 7.2
Sodium <i>Direct ISE</i>	138.3	mmol/L	137 - 145
Potassium <i>Direct ISE</i>	4.58	mmol/L	3.6 - 5.1
Chloride <i>Direct ISE</i>	95.3	mmol/L	94 - 110
Ionized Calcium <i>Direct ISE</i>	4.78	mg/dL	4.4 - 5.4

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

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**TEST REPORT**

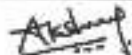
Reg. No : 2411100372 UHID : UHID28139 Reg. Date : 23-Nov-2024
Name : MR PRAJAPATI KIRAN Collected On : 23-Nov-2024 06:42
Age/Sex : 22 Years / Male Report Date : 23-Nov-2024
Ref. By : MEDIWHEEL

Parameter	Result	Unit	Reference Interval
LIVER FUNCTION TEST			
SGPT <i>Optimized UV-IFCC</i>	13.1	U/L	1 - 45
SGOT <i>Optimized UV-IFCC</i>	20.9	U/L	1 - 35
Total Bilirubin <i>DCA method</i>	1.48	mg/dL	0 - 2.0
Direct Bilirubin <i>DCA method</i>	0.35	mg/dL	0.0 - 0.4
INDIRECT BILIRUBIN <i>Calculated</i>	1.13	mg/dL	0.0 - 1.6
Alkaline Phosphatase <i>PNP-AMP Buffer, Multiple-point rate</i>	59	U/L	53 - 128
Total Protein	7.18	g/dL	6.4 - 8.2
Albumin <i>By Bromocresol Green</i>	3.89	g/dL	3.5 - 5.2
Globulin <i>Calculated</i>	3.27	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.19		0.8 - 2.0
GGT	47.1	U/L	1 - 55

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

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(MD.Pathology)


Mr. Akshay Parmar
M.Sc(Biochemistry)

**TEST REPORT**

Reg. No : 2411100372 UHID : UHID26139 Reg. Date : 23-Nov-2024
Name : MR PRAJAPATI KIRAN Collected On : 23-Nov-2024 08:42
Age/Sex : 22 Years / Male Report Date : 23-Nov-2024
Ref. By : MEDIWHEEL

Parameter	Result	Reference Interval
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URINE ROUTINE EXAMINATION**PHYSICAL EXAMINATION**

Quantity 10 cc
Colour Pale Yellow
Clarity Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)


pH	7.0	4.6 - 8.0
Sp. Gravity	1.015	1.002 - 1.03
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1 - 5/hpf
Erythrocytes (Red Cells)	Nil
Epithelial Cells	1-2/hpf
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil
Yeast	Nil
T. Vaginalis	Nil
Spermatozoa	Nil

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

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(MD.Pathology)


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FOR OPD APPOINTMENT : +91 9081 610 444, FOR LABORATORY & HEALTH CHECK UP 9081 620 444

Name: KIRAN PEARAJAPATI

Sex: Male

Age: 22Y

[Signature]

Clinic No.:

Bed No.:

SN: 0001482

Session:

Date: 23/11/2024 09:02:14

Case No:



Frequency: 1000 Hz
 Sample Time: 13 s
 HR: 71 bpm
 P Interval: 96 ms
 PR Interval: 160 ms
 QT Interval: 270 ms
 QTc Interval: 293 ms
 P Axis: 57.15°

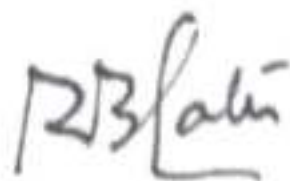
Prompt:
 Total Beats: 13, Normal Beats: 13, SVE: 0, WE: 0.
 Normal Heart Rate (HR) between 60 and 100 bpm;
 Normal cardiac electric axis (QRS axis between 30 degree and 90 degree);
 (Short PR, normal QRS, No pre-excitation wave at the start of QRS complex).

Lead	PR (ms)	QRS (ms)	QT (ms)	QTc (ms)	P Axis (deg)	PR Axis (deg)	QRS Axis (deg)	T Axis (deg)
I	160	84	270	293	57.15	-	-	-
II	160	84	270	293	57.15	-	-	-
III	160	84	270	293	57.15	-	-	-
aVR	160	84	270	293	57.15	-	-	-
aVL	160	84	270	293	57.15	-	-	-
aVF	160	84	270	293	57.15	-	-	-
V1	160	84	270	293	57.15	-	-	-
V2	160	84	270	293	57.15	-	-	-
V3	160	84	270	293	57.15	-	-	-
V4	160	84	270	293	57.15	-	-	-
V5	160	84	270	293	57.15	-	-	-
V6	160	84	270	293	57.15	-	-	-

Patient Name	PRAJAPATI KIRAN	Patient ID	UHID28139
Age/Gender	22 Years / M	Study Date	23-Nov-2024
Referred By		Reported Date	23-Nov-2024

X – RAY CHEST PA VIEW:

Both lung fields under vision appear normal.
Cardiac size appears normal.
Both costophrenic angles are clear.
Hilar regions are normal.
Both domes appear normal in position.
Bony thorax under vision appears normal.



Dr. Ruchit Patel
MD Radiology REG-11899

Date Reported: 23-Nov-2024

This Report is done and digitally signed via Tele Radiology Done at Radiscan Diagnostic Ahmedabad. For any clinical discrepancy, please discuss with the Radiologist. This report is not valid for any medico-legal purposes