



# UNIVERSAL DIAGNOSTIC CENTRE

S3/57, Vedant Complex, Pokharan Road No. 1, Vartak Nagar, Thane (W) 400 606.  
Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



13334 261024

Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## THYROID FUNCTION TEST

Test	Result	Unit	Biological Ref. Range
T3	: 1.1	ng/dl	0.60-2.0 ng/dl
T4	: 8.11	µg/dl	5.0-13.0 µg/dl
TSH	: 3.17	µU/ml	0.4 - 6.0 µU/ml

Method:ELISA METHOD


### Interpretation


Decreased TSH with raised or within range T3 and T4 is seen in primary hyperthyroidism, toxic thyroid nodule, subclinical hyper-thyroidism, on thyroxine ingestion, post-partum and gestational thyrotoxicosis. Raised TSH with decreased T3 and T4 is seen in hypothyroidism and with intermittent T4 therapy. Alterations in TSH are also seen in non-thyroidal illnesses like HIV infection, chronic active hepatitis, estrogen producing tumors, pregnancy, new-born, steroids, glucocorticoids and may cause false thyroid levels for thyroid function tests as with increased age, marked variations in thyroid hormones are seen. In pregnancy T3 and T4 levels are raised, hence FT3 and FT4 is to be done to determine hyper or hypothyroidism.

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:59)



Checked By -

  
Preeti Jaiswar  
Senior Technician  
ADMLT

  
Dr. Dhiraj Hivare  
M.D. (PATH.)

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## FASTING AND POSTPRANDIAL PLASMA GLUCOSE

Test	Result	Unit	Biological Ref. Range
Fasting Plasma Glucose Method: Hexokinase	: 110.10	mg/dl	70-110 mg/dl
Fasting Urine Glucose	: Absent		Absent
Fasting Urine Ketone	: Absent		Absent
Post Prandial Plasma Glucose ( 2 Hrs.after lunch)	: 138.50	mg/dl	70 to 140 mg/dl
PP Urine Glucose	: Sample Not Received		
PP Urine Ketone	: Sample Not Received		
Method : Glucose Oxidase Peroxidase (GOD/POD)			

### AS PER AMERICAN DIABETES ASSOCIATION 2010 UPDATE

#### FASTING GLUCOSE LEVEL-


- Normal glucose tolerance : 70-110 mg/dl
- Impaired Fasting glucose (IFG) : 110-125 mg/dl
- Diabetes mellitus :  $\geq 126$  mg/dl POSTPRANDIAL/POST GLUCOSE (75 grams)
- Normal glucose tolerance : 70-139 mg/dl - Impaired glucose tolerance : 140-199 mg/dl
- Diabetes mellitus :  $\geq 200$  mg/dl CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS - Fasting plasma glucose  $\geq 126$  mg/dl - Classical symptoms +Random plasma glucose  $\geq 200$  mg/dl
- Plasma glucose  $\geq 200$  mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin  $> 6.5\%$  \*\*\*Any positive criteria should be tested on subsequent day with same or other criteria.


### BIOCHEMISRTY TEST DONE ON MERILYZER CLINIQUANT BIOCHEMISRTY ANALYZER

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 27/10/2024 00:02:10)



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## COMPLETE BLOOD COUNT

Test	Result	Unit	Reference Range
Haemoglobin	12.4	gm/dl	12.0-16.0 gm/dl

### RBC PARAMETERS

Total R.B.C. Count	5.32	mill/cumm	3.8-5.8 mill/cumm
PCV	39.2	%	37-47 %
MCV	73.7	fl	76-90 fl
MCH	23.3	Pg	27-32 Pg
MCHC	31.6	gm/dl	30-35 gm/dl
RDW	15.7	%	11.5 - 14.5 %

### WBC PARAMETERS

Total W.B.C. Count	6200	per cumm	4000-11000 per cumm
Neutrophils	52	%	40-75 %
Lymphocytes	38	%	20-40 %
Monocytes	06	%	0 - 10 %
Eosoniphils	04	%	0 - 6 %
Basophils	0	%	0-1 %
Band Forms	0	%	0 - 0 %

### PLATELET PARAMETERS

Platelet Count	224000	per cu.mm.	150000 - 450000 per cu.mm.
MPV	9.9	fL	6-11 fL

### PERIPHERIAL SMEAR FINDINGS:

WBC Morphology	Normal
RBC Morphology	Mild Anisocytosis
Platelets on Smear	Adequate on smear.

EDTA Sample Procesed On a Fully Automated 3-Part Analyzer H-360

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:09)



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Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## GLYCOSYLATED-HAEMOGLOBIN (GHb)/ HbA1C BY HPLC

Test	Result	Unit	Reference Range
HbA1C	5.9	%	Normal : 4 - 6.2% Prediabetic : < 7 % Diabetes : > 8 %
Estimated average Glucose: (eAG)	122.63	mg / dl	70-140 mg / dl

Method: Particle enhanced immunoturbidimetric test

### NOTE:

#### CLINICAL SIGNIFICANCE

Hemoglobin A1c (HbA1c) is a glycosylated hemoglobin which is formed by the non enzymatic reaction of glucose with native hemoglobin. This process runs continuously throughout the circulatory life of the red cell (average life time 100 - 120 days).

The rate of glycation is directly proportional to the concentration of glucose in the blood. The blood level of HbA1c represents the average blood glucose level over the preceding 6 to 8 weeks (due to the kinetics of erythrocyte turnover this period is more affected by the blood glucose level than the preceding weeks).


Therefore, HbA1c is suitable for retrospective long term monitoring of blood glucose concentration in individuals with diabetes mellitus. Clinical studies have shown that lowering of HbA1c level can help to prevent or delay the incidence of late diabetic complications. As the amount of HbA1c also depends on the total quantity of hemoglobin, the reported HbA1c value is indicated as a percentage of the total hemoglobin concentration. Falsely low values (low HbA1c despite high blood glucose) may occur in people with conditions with shortened red blood cell survival (hemolytic diseases) or significant recent blood loss (higher fraction of young erythrocytes). Falsely high values (high HbA1c despite normal blood glucose) have been reported in iron deficiency anemia (high proportion of old erythrocytes). These circumstances have to be considered in clinical interpretation of HbA1c values


(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:12)

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



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Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 15:02

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## ERYTHROCYTE SEDIMENTATION RATE (WESTERGREN'S)

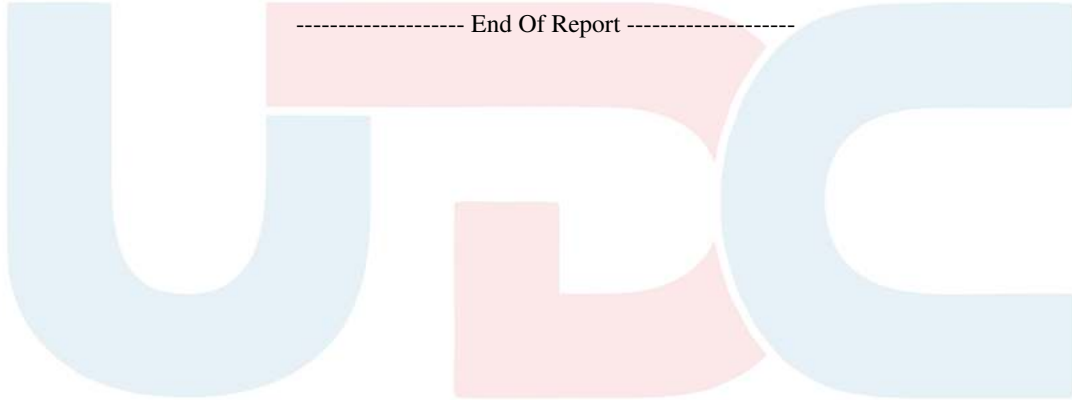
<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Range</u>
E.S.R (Westergren)	: 15	mm at 1hr	0-20 mm at 1hr

Method : Westergren`s

Done with: ErySed Random Access ESR analyzer

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## EXAMINATION OF URINE

Test	Result	Biological Ref. Range
<b>PHYSICAL EXAMINATION</b>		
QUANTITY (URINE)	20 ML	
Colour	Pale Yellow	
Appearance	Clear	
Reaction (pH)	6.5	4.5 - 8.0
Specific Gravity	1.020	1.010 - 1.030
<b>CHEMICAL EXAMINATION</b>		
Protein	Absent	Absent
Glucose	Absent	Absent
Ketone	Absent	Absent
Occult Blood	Absent	Absent
Bilirubin	Absent	Absent
Urobilinogen	Absent	Normal
<b>MICROSCOPIC EXAMINATION</b>		
Epithelial Cells	1 - 2 / hpf	
Pus cells	2 - 3 / hpf	
Red Blood Cells	Absent / hpf	
Casts	Absent / lpf	Absent / lpf
Crystals	Absent	Absent
<b>OTHER FINDINGS</b>		
Amorphous Deposits	Absent	Absent
Yeast Cells	Absent	Absent
Bacteria	Absent	Absent
Mucus Threads	Absent	
Spermatozoa	Absent	

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## BLOOD GROUP

Test	Result	Unit	Biological Ref. Range
ABO Group	: O		
RH Factor	: POSITIVE		

Slide agglutination test

Slide Agglutination Test

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:18)

## RENAL FUNCTION TESTS

Test	Result	Unit	Biological Ref. Range
Blood Urea Method: Urease UV/GLDH	: 31.60	mg/dl	10-50 mg/dl
Blood Urea Nitrogen	: 14.73	mg/dl	5-18 mg/dl
S. Creatinine Method: Modified Jaffe's	: 0.94	mg/dl	0.6-1.2 mg/dl
S. Uric Acid	: 5.2	mg/dl	2.6-6.0 mg/dl
Total Proteins	: 7.0	gm/dl	6.0-8.0 gm/dl
S. Albumin	: 3.6	gm/dl	3.5-5.0 gm/dl
S. Globulin	: 3.40	gm/dl	2.3-3.5 gm/dl
A/G Ratio	: 1.06		0.90-2.00
Calcium	: 9.54	mg/dl	8.5-11.0 mg/dl
S. Phosphorus	: 3.9	mg/dl	2.5-5.0 mg/dl
S. Sodium	: 140.20	mmol/L	135-155 mmol/L
S. Potassium	: 3.98	mmol/L	3.5-5.0 mmol/L
S. Chloride	: 101.20	mmol/L	98-110 mmol/L

BIOCHEMISTRY TEST DONE ON FULLY-AUTOMATED ANALYZER BS120

ELECTROLYTE TEST DONE ON EL-120 ANALYZER

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:03:21)

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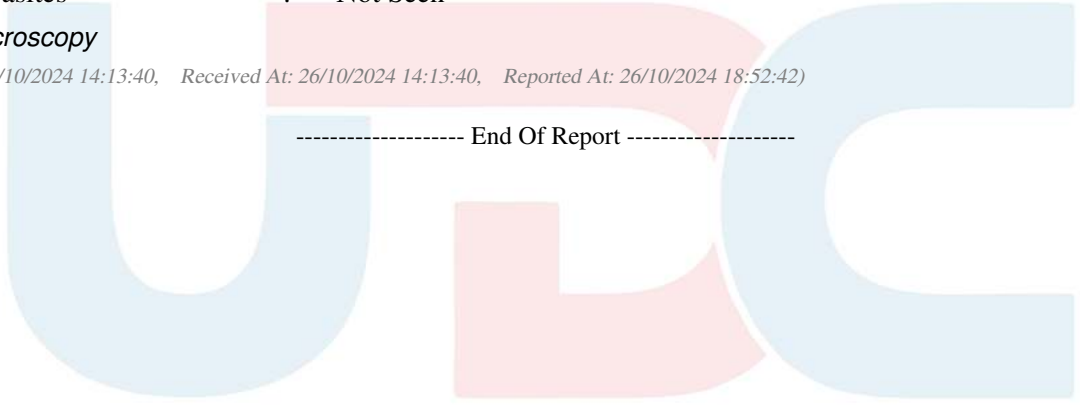
## PERIPHERAL SMEAR EXAMINATION

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Range</u>
RBC Morphology	:	Normocytic, Normochromic	
WBC morphology	:	Normal	
Platelets on Smear	:	Adequate on smear.	
Malariaial Parasites	:	Not Seen	

Method - Microscopy

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:42)

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Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 15:04

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## LIPID PROFILE

Test	Result	Unit	Reference Range
Total Cholesterol	: 166.9	mg/dl	Desirable <200 Borderline high 200 - 239 High >240
S. Triglyceride	: 147.20	mg/dl	Desirable <150 Borderline high 150 - 199 High 200 - 499 Very high >500
HDL Cholesterol	: 35.90	mg/dl	Desirable >80 Borderline 30 - 80
LDL Cholesterol	: 101.56	mg/dl	Low <30 Optimal <100 Near optimal 100 - 129 Borderline high 130 - 159 High 160 - 189 Very high >190
VLDL Cholesterol	: 29.4	mg/dl	5 - 30 mg/dl
TC/HDL Ratio	: 4.6		0 - 4.5
LDL/HDL Ratio	: 2.8		0-3.5

BIOCHEMISTRY TEST DONE ON FULLY-AUTOMATED ANALYZER BS120.

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:04:51)

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## REPORT OF GAMMA GT

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Range</u>
SERUM GAMMA GT	: 32.6	IU/L	7-35 IU/L

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:45)

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Report Released : 26/10/2024 15:07

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## LIVER FUNCTION TEST

Test	Result	Unit	Biological Ref. Range
S. Bilirubin (Total)	: 0.58	mg/dl	0-1.2 mg/dl
S. Bilirubin (Direct)	: 0.31	mg/dl	0-0.40 mg/dl
S. Bilirubin (Indirect)	: 0.27	mg/dl	0-0.55 mg/dl
S. G. O.T	: 36.50	IU/L	0-42 IU/L
S. G. P. T	: 20.20	IU/L	0-42 IU/L
S. Alkaline Phosphatase	: 187.40	IU/L	40-306 IU/L
Total Proteins	: 7.00	gm/dl	6.-8 gm/dl
S. Albumin	: 3.6	gm/dl	3.5-5.0 gm/dl
S. Globulin	: 3.40	gm/dl	2.3-3.5 gm/dl
A/G Ratio	: 1.06		0.90-2.00

BIOCHEMISTRY TEST DONE ON FULLY-AUTOMATED ANALYZER BS120

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:07:17)

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## THYROID FUNCTION TEST

Test	Result	Unit	Biological Ref. Range
T3	: 1.1	ng/dl	0.60-2.0 ng/dl
T4	: 8.11	µg/dl	5.0-13.0 µg/dl
TSH	: 3.17	µU/ml	0.4 - 6.0 µU/ml

Method:ELISA METHOD

### Interpretation

Decreased TSH with raised or within range T3 and T4 is seen in primary hyperthyroidism, toxic thyroid nodule, subclinical hyper-thyroidism, on thyroxine ingestion, post-partum and gestational thyrotoxicosis. Raised TSH with decreased T3 and T4 is seen in hypothyroidism and with intermittent T4 therapy. Alterations in TSH are also seen in non-thyroidal illnesses like HIV infection, chronic active hepatitis, estrogen producing tumors, pregnancy, new-born, steroids, glucocorticoids and may cause false thyroid levels for thyroid function tests as with increased age, marked variations in thyroid hormones are seen. In pregnancy T3 and T4 levels are raised, hence FT3 and FT4 is to be done to determine hyper or hypothyroidism.

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## FASTING AND POSTPRANDIAL PLASMA GLUCOSE

Test	Result	Unit	Biological Ref. Range
Fasting Plasma Glucose Method: Hexokinase	: 110.10	mg/dl	70-110 mg/dl
Fasting Urine Glucose	: Absent		Absent
Fasting Urine Ketone	: Absent		Absent
Post Prandial Plasma Glucose ( 2 Hrs.after lunch)	: 138.50	mg/dl	70 to 140 mg/dl
PP Urine Glucose	: Sample Not Received		
PP Urine Ketone	: Sample Not Received		
Method : Glucose Oxidase Peroxidase (GOD/POD)			

### AS PER AMERICAN DIABETES ASSOCIATION 2010 UPDATE

#### FASTING GLUCOSE LEVEL-

- Normal glucose tolerance : 70-110 mg/dl
- Impaired Fasting glucose (IFG) : 110-125 mg/dl
- Diabetes mellitus :  $\geq 126$  mg/dl POSTPRANDIAL/POST GLUCOSE (75 grams)
- Normal glucose tolerance : 70-139 mg/dl - Impaired glucose tolerance : 140-199 mg/dl
- Diabetes mellitus :  $\geq 200$  mg/dl CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS - Fasting plasma glucose  $\geq 126$  mg/dl - Classical symptoms +Random plasma glucose  $\geq 200$  mg/dl
- Plasma glucose  $\geq 200$  mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin  $> 6.5\%$  \*\*\*Any positive criteria should be tested on subsequent day with same or other criteria.

### BIOCHEMISRTY TEST DONE ON MERILYZER CLINIQUANT BIOCHEMISRTY ANALYZER

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 27/10/2024 00:02:10)



Checked By -

Preeti Jaiswar  
Senior Technician  
ADMLT

Dr. Dhiraj Hivare  
M.D. (PATH.)

\*\*Sample has been collected outside the laboratory. The results pertain to the sample received.



# UNIVERSAL DIAGNOSTIC CENTRE

S3/57, Vedant Complex, Pokharan Road No. 1, Vartak Nagar, Thane (W) 400 606.  
Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## COMPLETE BLOOD COUNT

Test	Result	Unit	Reference Range
Haemoglobin	12.4	gm/dl	12.0-16.0 gm/dl
<b><u>RBC PARAMETERS</u></b>			
Total R.B.C. Count	5.32	mill/cumm	3.8-5.8 mill/cumm
PCV	39.2	%	37-47 %
MCV	73.7	fl	76-90 fl
MCH	23.3	Pg	27-32 Pg
MCHC	31.6	gm/dl	30-35 gm/dl
RDW	15.7	%	11.5 - 14.5 %
<b><u>WBC PARAMETERS</u></b>			
Total W.B.C. Count	6200	per cumm	4000-11000 per cumm
Neutrophils	52	%	40-75 %
Lymphocytes	38	%	20-40 %
Monocytes	06	%	0 - 10 %
Eosoniphils	04	%	0 - 6 %
Basophils	0	%	0-1 %
Band Forms	0	%	0 - 0 %
<b><u>PLATELET PARAMETERS</u></b>			
Platelet Count	224000	per cu.mm.	150000 - 450000 per cu.mm.
MPV	9.9	fL	6-11 fL

### PERIPHERIAL SMEAR FINDINGS:


WBC Morphology : Normal  
RBC Morphology : **Mild Anisocytosis**  
Platelets on Smear : Adequate on smear.


EDTA Sample Procesed On a Fully Automated 3-Part Analyzer H-360

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:09)



Checked By -

  
**Preeti Jaiswar**  
Senior Technician  
ADMLT

  
**Dr. Dhiraj Hivare**  
M.D. (PATH.)

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Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## GLYCOSYLATED-HAEMOGLOBIN (GHb)/ HbA1C BY HPLC

Test	Result	Unit	Reference Range
HbA1C	5.9	%	Normal : 4 - 6.2% Prediabetic : < 7 % Diabetes : > 8 %
Estimated average Glucose: (eAG)	122.63	mg / dl	70-140 mg / dl

Method: Particle enhanced immunoturbidimetric test

### NOTE:

#### CLINICAL SIGNIFICANCE

Hemoglobin A1c (HbA1c) is a glycosylated hemoglobin which is formed by the non enzymatic reaction of glucose with native hemoglobin. This process runs continuously throughout the circulatory life of the red cell (average life time 100 - 120 days).

The rate of glycation is directly proportional to the concentration of glucose in the blood. The blood level of HbA1c represents the average blood glucose level over the preceding 6 to 8 weeks (due to the kinetics of erythrocyte turnover this period is more affected by the blood glucose level than the preceding weeks).


Therefore, HbA1c is suitable for retrospective long term monitoring of blood glucose concentration in individuals with diabetes mellitus. Clinical studies have shown that lowering of HbA1c level can help to prevent or delay the incidence of late diabetic complications. As the amount of HbA1c also depends on the total quantity of hemoglobin, the reported HbA1c value is indicated as a percentage of the total hemoglobin concentration. Falsely low values (low HbA1c despite high blood glucose) may occur in people with conditions with shortened red blood cell survival (hemolytic diseases) or significant recent blood loss (higher fraction of young erythrocytes). Falsely high values (high HbA1c despite normal blood glucose) have been reported in iron deficiency anemia (high proportion of old erythrocytes). These circumstances have to be considered in clinical interpretation of HbA1c values


(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:12)

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



Checked By -

  
Preeti Jaiswar  
Senior Technician  
ADMLT

  
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M.D. (PATH.)

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Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



13334 261024

Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 15:02

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## ERYTHROCYTE SEDIMENTATION RATE (WESTERGREN'S)

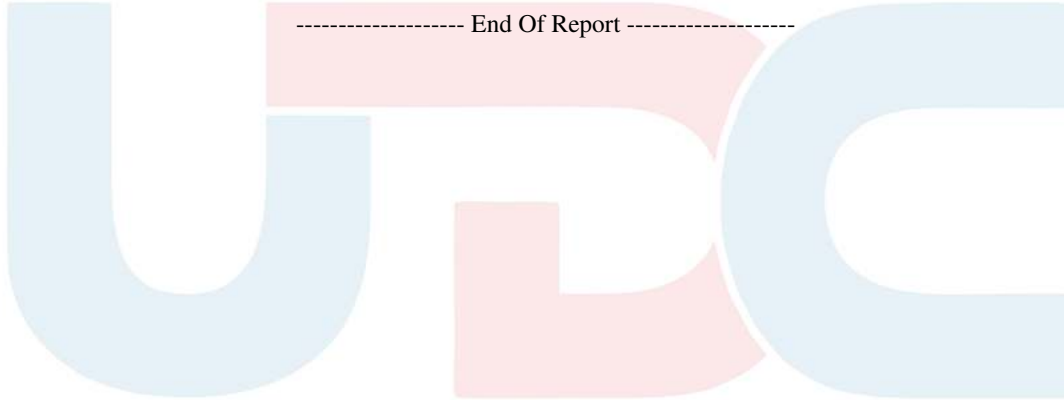
<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Range</u>
E.S.R (Westergren)	: 15	mm at 1hr	0-20 mm at 1hr

Method : Westergren`s

Done with: ErySed Random Access ESR analyzer

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:02:18)

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



Checked By -

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Senior Technician  
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M.D. (PATH.)

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Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## EXAMINATION OF URINE

Test	Result	Biological Ref. Range
<b>PHYSICAL EXAMINATION</b>		
QUANTITY (URINE) :	20 ML	
Colour :	Pale Yellow	
Appearance :	Clear	
Reaction (pH) :	6.5	4.5 - 8.0
Specific Gravity :	1.020	1.010 - 1.030
<b>CHEMICAL EXAMINATION</b>		
Protein :	Absent	Absent
Glucose :	Absent	Absent
Ketone :	Absent	Absent
Occult Blood :	Absent	Absent
Bilirubin :	Absent	Absent
Urobilinogen :	Absent	Normal
<b>MICROSCOPIC EXAMINATION</b>		
Epithelial Cells :	1 - 2 / hpf	
Pus cells :	2 - 3 / hpf	
Red Blood Cells :	Absent / hpf	
Casts :	Absent / lpf	Absent / lpf
Crystals :	Absent	Absent
<b>OTHER FINDINGS</b>		
Amorphous Deposits :	Absent	Absent
Yeast Cells :	Absent	Absent
Bacteria :	Absent	Absent
Mucus Threads :	Absent	
Spermatozoa :	Absent	

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:14)

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



Checked By -

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Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## BLOOD GROUP

Test	Result	Unit	Biological Ref. Range
ABO Group	: O		
RH Factor	: POSITIVE		

Slide agglutination test

Slide Agglutination Test

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:18)

## RENAL FUNCTION TESTS

Test	Result	Unit	Biological Ref. Range
Blood Urea Method: Urease UV/GLDH	: 31.60	mg/dl	10-50 mg/dl
Blood Urea Nitrogen	: 14.73	mg/dl	5-18 mg/dl
S. Creatinine Method: Modified Jaffe's	: 0.94	mg/dl	0.6-1.2 mg/dl
S. Uric Acid	: 5.2	mg/dl	2.6-6.0 mg/dl
Total Proteins	: 7.0	gm/dl	6.0-8.0 gm/dl
S. Albumin	: 3.6	gm/dl	3.5-5.0 gm/dl
S. Globulin	: 3.40	gm/dl	2.3-3.5 gm/dl
A/G Ratio	: 1.06		0.90-2.00
Calcium	: 9.54	mg/dl	8.5-11.0 mg/dl
S. Phosphorus	: 3.9	mg/dl	2.5-5.0 mg/dl
S. Sodium	: 140.20	mmol/L	135-155 mmol/L
S. Potassium	: 3.98	mmol/L	3.5-5.0 mmol/L
S. Chloride	: 101.20	mmol/L	98-110 mmol/L

BIOCHEMISTRY TEST DONE ON FULLY-AUTOMATED ANALYZER BS120

ELECTROLYTE TEST DONE ON EL-120 ANALYZER

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:03:21)

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



Checked By -

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Senior Technician  
ADMLT

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M.D. (PATH.)

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Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



13334 261024

Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## PERIPHERAL SMEAR EXAMINATION

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Range</u>
RBC Morphology	:	Normocytic, Normochromic	
WBC morphology	:	Normal	
Platelets on Smear	:	Adequate on smear.	
Malariaial Parasites	:	Not Seen	

Method - Microscopy

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:42)

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



Checked By -

Preeti Jaiswar  
Senior Technician  
ADMLT

Dr. Dhiraj Hivare  
M.D. (PATH.)

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Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



13334 261024

Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 15:04

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## LIPID PROFILE

Test	Result	Unit	Reference Range
Total Cholesterol	: 166.9	mg/dl	Desirable <200 Borderline high 200 - 239 High >240
S. Triglyceride	: 147.20	mg/dl	Desirable <150 Borderline high 150 - 199 High 200 - 499 Very high >500
HDL Cholesterol	: 35.90	mg/dl	Desirable >80 Borderline 30 - 80
LDL Cholesterol	: 101.56	mg/dl	Low <30 Optimal <100 Near optimal 100 - 129 Borderline high 130 - 159 High 160 - 189 Very high >190
VLDL Cholesterol	: 29.4	mg/dl	5 - 30 mg/dl
TC/HDL Ratio	: 4.6		0 - 4.5
LDL/HDL Ratio	: 2.8		0-3.5

BIOCHEMISTRY TEST DONE ON FULLY-AUTOMATED ANALYZER BS120.

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:04:51)

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



Checked By -

Preeti Jaiswar  
Senior Technician  
ADMLT

Dr. Dhiraj Hivare  
M.D. (PATH.)

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# UNIVERSAL DIAGNOSTIC CENTRE

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Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



13334 261024

Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 18:52

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## REPORT OF GAMMA GT

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Biological Ref. Range</u>
SERUM GAMMA GT	: 32.6	IU/L	7-35 IU/L

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 18:52:45)

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



Checked By -

Preeti Jaiswar  
Senior Technician  
ADMLT

Dr. Dhiraj Hivare  
M.D. (PATH.)

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Contact No: 022 47488444 / +91 9930081525. Email: udcpath@gmail.com



13334 261024

Name : MRS. SANIKA SANDESH

LABID : 13334

Sample Collection : 26/10/2024 14:13

Age : 38 Yrs. Sex : F

Sample Received : 26/10/2024 14:13

Ref. By : SIDDHIVINAYAK HOSPITAL (APOLLO)

Report Released : 26/10/2024 15:07

Sent By : UNIVERSAL DIAGNOSTIC CENTRE

## LIVER FUNCTION TEST

Test	Result	Unit	Biological Ref. Range
S. Bilirubin (Total)	: 0.58	mg/dl	0-1.2 mg/dl
S. Bilirubin (Direct)	: 0.31	mg/dl	0-0.40 mg/dl
S. Bilirubin (Indirect)	: 0.27	mg/dl	0-0.55 mg/dl
S. G. O.T	: 36.50	IU/L	0-42 IU/L
S. G. P. T	: 20.20	IU/L	0-42 IU/L
S. Alkaline Phosphatase	: 187.40	IU/L	40-306 IU/L
Total Proteins	: 7.00	gm/dl	6.-8 gm/dl
S. Albumin	: 3.6	gm/dl	3.5-5.0 gm/dl
S. Globulin	: 3.40	gm/dl	2.3-3.5 gm/dl
A/G Ratio	: 1.06		0.90-2.00

BIOCHEMISTRY TEST DONE ON FULLY-AUTOMATED ANALYZER BS120

(Collected At: 26/10/2024 14:13:40, Received At: 26/10/2024 14:13:40, Reported At: 26/10/2024 15:07:17)

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



Checked By -

Preeti Jaiswar  
Senior Technician  
ADMLT

Dr. Dhiraj Hivare  
M.D. (PATH.)

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Reg. No.
Date : 26/10/24

Blood  
  Urine  
  Stool  
  Vaccine  
  ECG  
  2D Echo  
  TMT  
  X-Ray  
  PFT  
  Audio  
  USG  
  OPT  
  Dr.

Employee's Name : Sanika S. More

Blood Group : \_\_\_\_\_

Age/Sex : 38

Contact No. : 9463386417

With Glass / Without Glasses

	Rt.	Lt.
NEAR	N110	N110
DISTANT	616	618
COLOUR VISION	(N)	(N)

**PHYSIOLOGIC PARAMETERS :**

Ht. (Cms.)	Wt. (Kgs.)	BMI
<u>154</u>	<u>57.2</u>	

**GENERAL EXAMINATION** SpO<sub>2</sub> = 98%

Pulse (Min) : 86/m      BP (mm Hg) : 130/90 mmHg

R.R. (Min) : 22/m      Temp. : 98.4

Pallor : No      Icterus : No

Clubbing : No

**COMPLAINTS : (Specify if any)**

No any Complaint

**ENT EXAMINATION (Specify if Abnormal)**

Ear	Nose	Tongue
Teeth	Tonsils	Gums

**PAST HISTORY :** No

**SYSTEMIC EXAMINATION**

LOCOMOTOR SYSTEM \_\_\_\_\_

RESPIRATORY SYSTEM \_\_\_\_\_

CARDIOVASCULAR SYSTEM \_\_\_\_\_

CENTRAL NERVOUS SYSTEM \_\_\_\_\_

ABDOMEN \_\_\_\_\_

GENITAL SYSTEM \_\_\_\_\_

MUSCULOSKELETAL SYSTEM \_\_\_\_\_

} NO

**FAMILY HISTORY :** Diabetes: YES

HTN: No

**SURGICAL HISTORY :** No

**PERSONAL HISTORY (Addiction if any)**

Chronic / Frequent / Occasional : \_\_\_\_\_

Smoker / Tobacco Chewer / Alcoholic : No

PFT	MEANS	PRED	% PRED
SVC			
FVC			
FEV1 / FVC			
Remark			

Audiometry	500	1000	2000	4000	6000	8000
Right Ear						
Left Ear						
Remark						

**DOCTOR SIGNATURE**

All present pt is clinically fit.

ID: 1764 **Sonika More**

26-10-2014 09:54:40 AM

Female 38 Years

Req. No. :

BP: 130/90

SpO2: 98%

PR: 86/m



HR	: 83	bpm
P	: 90	ms
PR	: 133	ms
QRS	: 86	ms
QT/QTcBz	: 368/433	ms
P/QRST	: 51/-2/53	ms
RV5/SVI	: 0.896/0.849	mV

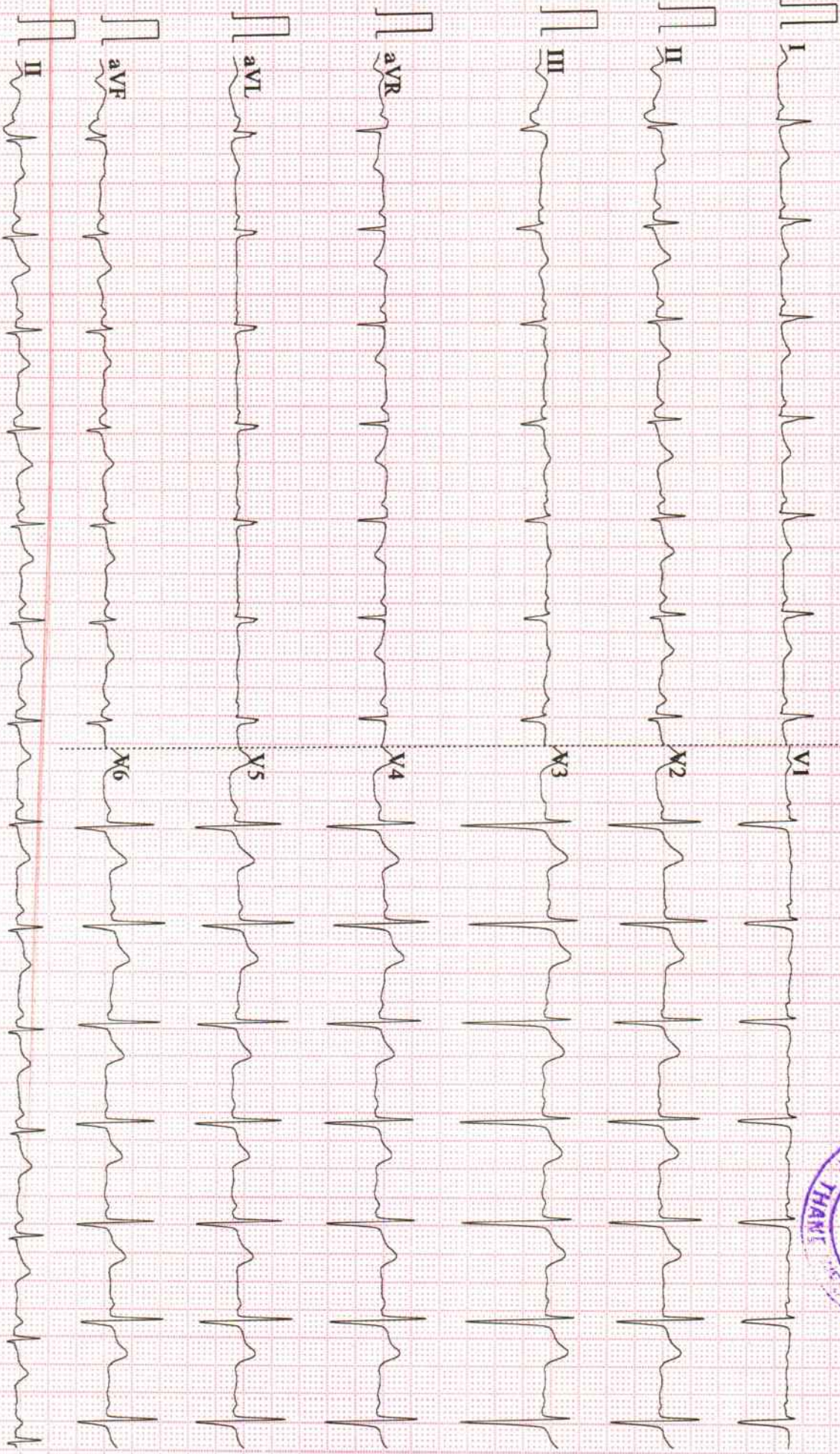
Diagnosis Information:

Sinus Rhythm

\*\*\*Normal ECG\*\*\*

Report Confirmed by:

*NSR*  
*86/10/24*  
  




0.15-45Hz AC50 25mm/s 10mm/mV 2\*5.0s+1r V2.21 SEMIP V1.92 Siddhivimayak Hospital





Name - Mrs. Sanika More	Age - 38 Y/F
Ref by Dr.- Siddhivinayak Hospital	Date - 26/10/2024

**USG ABDOMEN & PELVIS**

**FINDINGS:**

The liver dimension is enlarged in size (17.9 cm) . It appears normal in morphology with raised echogenicity. No evidence of intrahepatic ductal dilatation.

The GB-gallbladder is distended normally with no stones within.

The CBD- common bile duct is normal. The portal vein is normal.

The pancreas appears normal in morphology.

The spleen is normal in size ( 11.2 cm )and morphology

Both kidneys demonstrate normal morphology. Both kidneys show normal cortical echogenicity.

The right kidney measures 9.5 x 4.3 cm .

The left kidney measures 10.9 x 4.9 cm.

Urinary bladder: normally distended. Wall thickness - normal.

Uterus : normal in size.

Endometrium: 5.0 mm, it appears normal in morphology.

Bilateral ovaries are normal in size.

Adnexa appear normal

No free fluid is seen.

**IMPRESSION:**

- Hepatomegaly with fatty liver (Grade I).

DR. AMOL BENDRE  
MBBS; DMRE  
CONSULTANT RADIOLOGIST





Patient ID.	PAT000953	StudyDate	26-10-2024
PatientName	SANIKA SANDESH	Age/Sex	038Y/F
Ref By	SIDDHIVINAYAK HOSPITAL	Study	CHEST

**RADIOGRAPH OF CHEST PA VIEW**

**FINDINGS :-**

The lungs on either side show equal translucency.  
The peripheral pulmonary vasculature is normal.  
No focal lung lesion is seen.  
Bilateral CP angles are normal.  
Both hila are normal in size, have equal density, and bear normal relationships.  
The heart and trachea are central in position and no mediastinal abnormality is visible.  
The domes of the diaphragms are normal in position and show a smooth outline.

**IMPRESSION :-**

- No significant abnormality detected.

**ADVICE :-** Clinical correlation and follow up.

Dr. MANISH JOSHI  
MBBS, DMRE  
CONSULTANT RADIOLOGIST  
Reg.no.2018041145

**Disclaimer-**It is an online interpretation of medical imaging based on clinical data. All modern machines/procedures have their own limitation. If there is any clinical discrepancy, this investigation may be repeated or reassessed by other tests. Patients identification in online reporting is not established, so in no way this report can be utilized for any medico legal purpose. In case of any discrepancy due to typing error or machinery error please get it rectified immediately.

**SHLOKA DIAGNOSTIC CENTRE**

**Venture of Vedant Multi-speciality Hospital and Institute**

📍 Gate No, S-2, Vedant Commercial Complex, Vartak Nagar, Thane (W), 400 606.

☎ 022-6848 4848 📠 8097370719 ✉ info@sholkahospital.com



NAME	MRS. SANIKA MORE
AGE/SEX	38 YRS/F
REFERRED BY	SIDDHIVINAYAK HOSPITAL
DATE OF EXAMINATION	26/10/2024

## 2-D ECHOCARDIOGRAPHY & COLOR DOPPLER

### FINAL IMPRESSION:

- NORMAL CARDIAC STRUCTURES
- GOOD LV SYSTOLIC FUNCTION. LVEF = 60%.
- LV DIASTOLIC FUNCTION NORMAL .
- TRIVIAL TR. REST VALVES NORMAL.
- NO E/O PULMONARY ARTERIAL HYPERTENSION.

### FINDINGS:

- Chambers:

All chambers are grossly normal in size.  
No regional wall motion abnormality at rest.  
Both interatrial and interventricular septae are intact.  
Good LV/RV systolic function. LVEF = 60%. LV diastolic function normal  
No e/o of intracardiac clot or vegetation.

- Valves:

Trivial TR. Rest all valves are grossly normal in structure and function.

- Great vessels:

Aorta and Pulmonary arteries are normal in size, structure and connections.  
No e/o pulmonary arterial hypertension.  
IVC is normal in size and collapsing well with inspiration.

- Pericardium:

Pericardium is grossly normal with no e/o pericardial effusion.





## Imaging Department

Sonography | Colour Doppler | 3D / 4D USG

### COLOUR FLOW & DOPPLER MEASUREMENTS:

Valve	Gradient (Peak, in mmHg)	Regurgitation
Mitral	Normal	Nil
Tricuspid	Normal	Trivial
Aortic	Normal	Nil
Pulmonary	PASP by TR jet- 15 mmHg	Nil

*Others:* Mitral valve E vel. 70 cm/s, A vel. 70 cm/s ; E/A = 1 :  
Mitral annulus E' vel. 12 cm/s

### M MODE MEASUREMENTS:

	Diastole (mm)	Systole (mm)
LVID	39	29
IVS	9.5	13.5
PW	9.5	13.5

LA (mm)	29
Aorta (mm)	27

FS %	35
LVEF %	60

**Dr. ARJUN SUSAR**  
MD (Medicine), DM (Cardiology)

**DISCLAIMER:** Echocardiography's sensitivity & specificity are high but not 100% and underestimation or overestimation of any finding is possible (although rare). Hence clinical correlation is strongly recommended in every case for all findings.

