



Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN: U85110UP2003PLC193493

Patient Name	: Mr.GIRI RAM MILAN-88180	Registered On	: 14/Sep/2024 08:26:16
Age/Gender	: 33 Y 8 M 11 D /M	Collected	: 14/Sep/2024 08:27:47
UHID/MR NO	: ALDP.0000149056	Received	: 14/Sep/2024 09:54:15
Visit ID	: ALDP0214902425	Reported	: 14/Sep/2024 13:08:46
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

# DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) , Blood				
Blood Group	0			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh ( Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Complete Blood Count (CBC), Whole Blood	1			
Haemoglobin	14.70	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl	COLORIMETRIC METHOD (CYANIDE-FREE REAGENT)
TLC (WBC) <u>DLC</u>	7,600.00	/Cu mm	4000-10000	IMPEDANCE METHOD
Polymorphs (Neutrophils )	57.00	%	40-80	FLOW CYTOMETRY
Lymphocytes	38.00	%	20-40	FLOW CYTOMETRY
Monocytes	3.00	%	2-10	FLOW CYTOMETRY
Eosinophils	2.00	%	1-6	FLOW CYTOMETRY
Basophils <b>ESR</b>	0.00	%	< 1-2	FLOW CYTOMETRY
Observed	4.00	MM/1H	10-19 Yr 8.0 20-29 Yr 10.8 30-39 Yr 10.4 40-49 Yr 13.6 50-59 Yr 14.2 60-69 Yr 16.0 70-79 Yr 16.5 80-91 Yr 15.8	









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### DEPARTMENT OF HAEMATOLOGY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
			Pregnancy Early gestation - 48 (62 if anaemic) Leter gestation - 70 (95 if anaemic)	
Corrected	-	Mm for 1st hr.	< 9	
PCV (HCT)	44.00	%	40-54	
Platelet count				
Platelet Count	1.52	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.10	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	-	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.20	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	14.00	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	4.62	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	96.70	fl	80-100	CALCULATED PARAMETER
MCH	31.90	pg	27-32	CALCULATED PARAMETER
MCHC	33.00	%	30-38	CALCULATED PARAMETER
RDW-CV	13.70	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	50.20	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	4,332.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	152.00	/cu mm	40-440	

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### DEPARTMENT OF BIOCHEMISTRY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interva	al Method
<b>GLUCOSE FASTING</b> , <i>Plasma</i> Glucose Fasting	104.90	100-	) Normal 125 Pre-diabetes 5 Diabetes	GOD POD

#### Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.c) I.G.T = Impaired Glucose Tolerance.

**CLINICAL SIGNIFICANCE:-** Glucose is the major source of energy in the body. Lack of insulin or resistance to it section at the cellular level causes diabetes. Therefore, the blood glucose levels are very high. Elevated serum glucose levels are observed in diabetes mellitus and may be associated with pancreatitis, pituitary or thyroid dysfunction and liver disease. Hypoglycaemia occurs most frequently due to over dosage of insulin.

Glucose PP	118.90	mg/dl	<140 Normal	GOD POD
Sample:Plasma After Meal			140-199 Pre-diabetes	
			>200 Diabetes	

#### Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.c) I.G.T = Impaired Glucose Tolerance.

#### GLYCOSYLATED HAEMOGLOBIN (HBA1C), EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	5.60	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	37.80	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	114	mg/dl	

#### Interpretation:

### NOTE:-

• eAG is directly related to A1c.



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### **DEPARTMENT OF BIOCHEMISTRY**

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name Result Unit Bio. Ref. Interval Method	
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- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes mnagement.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	<b>Degree of Glucose Control Unit</b>
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc. \*\*Some danger of hypoglycemic reaction in Type 1diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B.: Test carried out on Automated VARIANT II TURBO HPLC Analyser.

### **<u>Clinical Implications:</u>**

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy

c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

BUN (Blood Urea Nitrogen)	11.21	mg/dL	7.0-23.0	CALCULATED
Sample:Serum				









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	CARE LTD -		Status	: Final	Report
		DEPARTMEN	T OF BIOCHE	MISTRY	
	MEDIWH	EEL BANK OF	BARODA MA		
Test Name		Result	Un	it Bio. Re	f. Interval Method
Interpretation: Note: Elevated BUN	l levels can be seen in the	e following:			
High-protein diet, Deh	ydration, Aging, Certain me	edications, Burns,	Gastrointestima	al (GI) bleeding.	
Low BUN levels can	be seen in the following:	:			
Low-protein diet, over	hydration, Liver disease.				
reatinine		1.03	mg/dl	0.7-1.30	MODIFIED JAFFES
ample:Serum Interpretation:					
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine con	r creatinine concentration. T centration. Serum creatinin	interpreted in lig The trend of serur e concentrations	ht of the patients n creatinine cone may increase wi	s muscle mass. A centrations over hen an ACE inhi	MODIFIED JAFFES , patient with a greater muscle time is more important than bitor (ACE) is taken. The assay bodies, hemolyzed, icteric or URICASE
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine con could be affected mildl lipemic. Interpretation: Note:-	r creatinine concentration. T centration. Serum creatinin	interpreted in lig The trend of serum concentrations ous values if seru 4.43	ht of the patients n creatinine cond may increase wi m samples have	s muscle mass. A centrations over hen an ACE inhi heterophilic anti	patient with a greater muscle time is more important than bitor (ACE) is taken. The assay bodies, hemolyzed, icteric or
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine con could be affected mildly lipemic. Interpretation: Note:- Elevated uric acid le	r creatinine concentration. T icentration. Serum creatinin y and may result in anomale	interpreted in lig The trend of serum e concentrations ous values if seru 4.43	ht of the patients n creatinine cond may increase wi m samples have mg/dl	s muscle mass. A centrations over hen an ACE inhi heterophilic anti 3.4-7.0	patient with a greater muscle time is more important than bitor (ACE) is taken. The assay bodies, hemolyzed, icteric or
ample:Serum Interpretation: The significance of sing mass will have a higher absolute creatinine con could be affected mildl lipemic. Dric Acid ample:Serum Interpretation: Note:- Elevated uric acid le Drugs, Diet (high-prote FT (WITH GAMIMA (	r creatinine concentration. T icentration. Serum creatinin y and may result in anomale vels can be seen in the fo ein diet, alcohol), Chronic k GT), Serum	interpreted in lig The trend of serum e concentrations ous values if seru 4.43	ht of the patients n creatinine cond may increase wi m samples have mg/dl	s muscle mass. A centrations over hen an ACE inhi heterophilic anti 3.4-7.0	patient with a greater muscle time is more important than bitor (ACE) is taken. The assay bodies, hemolyzed, icteric or
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# **DEPARTMENT OF BIOCHEMISTRY** MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

	MEDIWITELE DAMA OF DAMODA MALE ADOVE 40 TKS				
Test Name	Result	I	Unit	Bio. Ref. Interva	l Method
Alkaline Phosphatase (Total)	64.00	U/L	42.0-	165.0	PNP/AMP KINETIC
Bilirubin (Total)	0.59	mg/dl	0.3-1	.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.20	mg/dl	< 0.30	)	JENDRASSIK & GROF
Bilirubin (Indirect)	0.39	mg/dl	< 0.8		JENDRASSIK & GROF
LIPID PROFILE (MINI), Serum					
Cholesterol (Total)	210.00	mg/dl		Desirable 239 Borderline High High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	69.70	mg/dl	30-70	1	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	109	mg/dl	100-1 Optir 130-1	Optimal 29 Nr. nal/Above Optimal 59 Borderline High 89 High	
				Very High	
VLDL	31.34	mg/dl	10-33		CALCULATED
Triglycerides	156.70	mg/dl	150-1 200-4	Normal 99 Borderline High 99 High Very High	GPO-PAP

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# DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE EXAMINATION, ROUTINE, U	Irine			
Color	LIGHT YELLOW			
Specific Gravity	1.020			
Reaction PH	Acidic (6.0)			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	mg %	< 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++)	DIPSTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++)	DIPSTICK
Ketone	ABSENT	mg/dl	Serum-0.1-3.0 Urine-0.0-14.0	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Bilirubin	ABSENT			DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
Microscopic Examination:				
Epithelial cells	0-2/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	0-2/h.p.f			
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			

Urine Microscopy is done on centrifuged urine sediment.



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# **DEPARTMENT OF CLINICAL PATHOLOGY** MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
SUGAR, FASTING STAGE, Urine					
Sugar, Fasting stage	ABSENT	gms%			
Interpretation: (+) < 0.5 (++) 0.5-1.0 (+++) 1-2					

(++++) > 2

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### DEPARTMENT OF IMMUNOLOGY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
PSA (Prostate Specific Antigen), Total Sample:Serum	0.37	ng/mL	<4.1	CLIA

#### Interpretation:

- 1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
- 2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone<sup>-</sup>
- 3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
- 4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
- 5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

### THYROID PROFILE - TOTAL , Serum

T3, Total (tri-iodothyronine)	115.00	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	8.40	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	3.630	μlU/mL	0.27 - 5.5	CLIA

### Interpretation:

0.3-4.5	µIU/mL	First Trimest	ter
0.5-4.6	µIU/mL	Second Trim	ester
0.8-5.2	µIU/mL	Third Trimes	ster
0.5-8.9	µIU/mL	Adults	55-87 Years
0.7-27	µIU/mL	Premature	28-36 Week
2.3-13.2	µIU/mL	Cord Blood	> 37Week
0.7-64	µIU/mL	Child(21 wk	- 20 Yrs.)
1-39	µIU/mL	Child	0-4 Days
1.7-9.1	µIU/mL	Child	2-20 Week

1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or





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### DEPARTMENT OF IMMUNOLOGY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method

autoimmune disorders.

2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.

**3**) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.

**4**) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.

5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.

**6)** In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.

7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.

**8**) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

Chandan 24x7 App

Dr.Akanksha Singh (MD Pathology)









Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN: U85110UP2003PLC193493

Patient Name	: Mr.GIRI RAM MILAN-88180	Registered On	: 14/Sep/2024 08:26:17
Age/Gender	: 33 Y 8 M 11 D /M	Collected	: 2024-09-14 09:07:24
UHID/MR NO	: ALDP.0000149056	Received	: 2024-09-14 09:07:24
Visit ID	: ALDP0214902425	Reported	: 14/Sep/2024 15:07:01
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

### **DEPARTMENT OF X-RAY**

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

### **X-RAY DIGITAL CHEST PA**

## <u>X-RAY REPORT</u> (300 mA COMPUTERISED UNIT SPOT FILM DEVICE) <u>CHEST P-A VIEW</u>

- Both lung field did not reveal any significant lesion.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Soft tissue shadow appears normal.
- Bony cage is normal.

Please correlare clinically.

Icrohol

DR K N SINGH (MBBS, DMRE)



View Reports on **Chandan 24x7 App** 







Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN: U85110UP2003PLC193493

Patient Name	: Mr.GIRI RAM MILAN-88180	Registered On	: 14/Sep/2024 08:26:17
Age/Gender	: 33 Y 8 M 11 D /M	Collected	: 2024-09-14 09:38:26
UHID/MR NO	: ALDP.0000149056	Received	: 2024-09-14 09:38:26
Visit ID	: ALDP0214902425	Reported	: 14/Sep/2024 09:52:55
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

## DEPARTMENT OF ULTRASOUND

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

## **ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER)**

**LIVER**: - Normal in size (14.3 cm), shape and **shows diffuse increase in the liver parenchymal echogenicity suggestive of grade I/II fatty changes**. No focal lesion is seen. No intra hepatic biliary radicle dilation is seen.

## GALL BLADDER :- Not visualized (Post cholecystectomy status)

**CBD :-** Normal in calibre measuring ~ 5.7 mm at porta.

PORTAL VEIN: - Normal in calibre and colour uptake at porta.

**PANCREAS:** - Head is visualised, normal in size & echopattern. No evidence of ductal dilatation or calcification is seen. Rest of the pancreas is obscured by bowel gases.

SPLEEN: - Normal in size, shape and echogenicity. No evidence of mass lesion is seen.

**RIGHT KIDNEY**: - Normal in size (10.5 cm), shape and position. Cortical echogenicity is normal with maintained corticomedullary differentiation. A calculus is seen in the lower calyx measuring ~ 7.2 x 4.5 mm in size. Pelvicalyceal system is not dilated.

**LEFT KIDNEY**: - Normal in size (10.7 cm), shape and position. Cortical echogenicity is normal with maintained corticomedullary differentiation. **Few tiny concretions are seen.** Pelvicalyceal system is not dilated.

**URINARY BLADDER :-** Is adequately distended. No evidence of wall thickening/calculus is seen.

**PROSTATE :-** Normal in size (3.2 x 2.9 x 2.6 cm vol - 13.0 cc), shape and echo pattern.

**HIGH RESOLUTION** :- No evidence of bowel loop dilatation or abnormal wall thickening is seen. No significant retroperitoneal lymphadenopathy is seen. No free fluid is seen in the abdomen/pelvis.

## **IMPRESSION**:

- Grade I/II fatty liver.
- Right renal calculus.
- Left renal concretions.

Please correlate clinically

Contil

DR K N SINGH (MBBS, DMRE)











Add: 49/19-B, Kamla Nehru Road, Katra, Prayagraj Ph: 9235447965,0532-3559261 CIN: U85110UP2003PLC193493

Patient Name	: Mr.GIRI RAM MILAN-88180	Registered On	: 14/Sep/2024 08:26:17
Age/Gender	: 33 Y 8 M 11 D /M	Collected	: 2024-09-14 12:03:03
UHID/MR NO	: ALDP.0000149056	Received	: 2024-09-14 12:03:03
Visit ID	: ALDP0214902425	Reported	: 15/Sep/2024 16:54:25
Ref Doctor	: Dr. MEDIWHEEL-ARCOFEMI HEALTH CARE LTD -	Status	: Final Report

#### **DEPARTMENT OF TMT**

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

### Tread Mill Test (TMT)

NORMAL

\*\*\* End Of Report \*\*\*

Result/s to Follow: STOOL, ROUTINE EXAMINATION, SUGAR, PP STAGE, ECG / EKG



This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing \* 365 Days Open \*Facilities Available at Select Location Page 13 of 13



Home Sample Collection 08069366666





Dr. R K VERMA MBBS, PGDGM