

CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination

of Mr. Rakesh Kumar on 13/1/24

After reviewing the medical history and on clinical examination it has been found that he/she is

	Tick
<ul style="list-style-type: none"> • Medically Fit 	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"> • Fit with restrictions/recommendations <p>Though following restrictions have been revealed, in my opinion, these are not impediments to the job.</p> <p>1.....</p> <p>2.....</p> <p>3.....</p> <p>However the employee should follow the advice/medication that has been communicated to him/her.</p> <p>Review after _____</p>	
<ul style="list-style-type: none"> • Currently Unfit. <p>Review after _____ recommended</p>	
<ul style="list-style-type: none"> • Unfit 	

Dr. _____
Medical Officer



This certificate is not meant for medico-legal purposes

Date : 13-01-2024

Department : GENERAL

MR NO : CMAR.0000337425

Doctor :

Name : Mr. Rakesh Kumar Singh

Registration No :

Age/ Gender : 46 Y / Male

Qualification :

Consultation Timing: 08:35

Height : 176 cm.	Weight : 71.9 kg	BMI : 23.2 kg/m ²	Waist Circum :
Temp :	Pulse : 97 b/M.	Resp :	B.P : 130/80 mmHg

General Examination / Allergies
History

Clinical Diagnosis & Management Plan

CP/B ENT

B/c FAI 1st @

B/c HGT

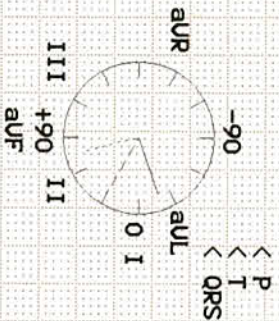
Phew 1st @

2

Follow up date:

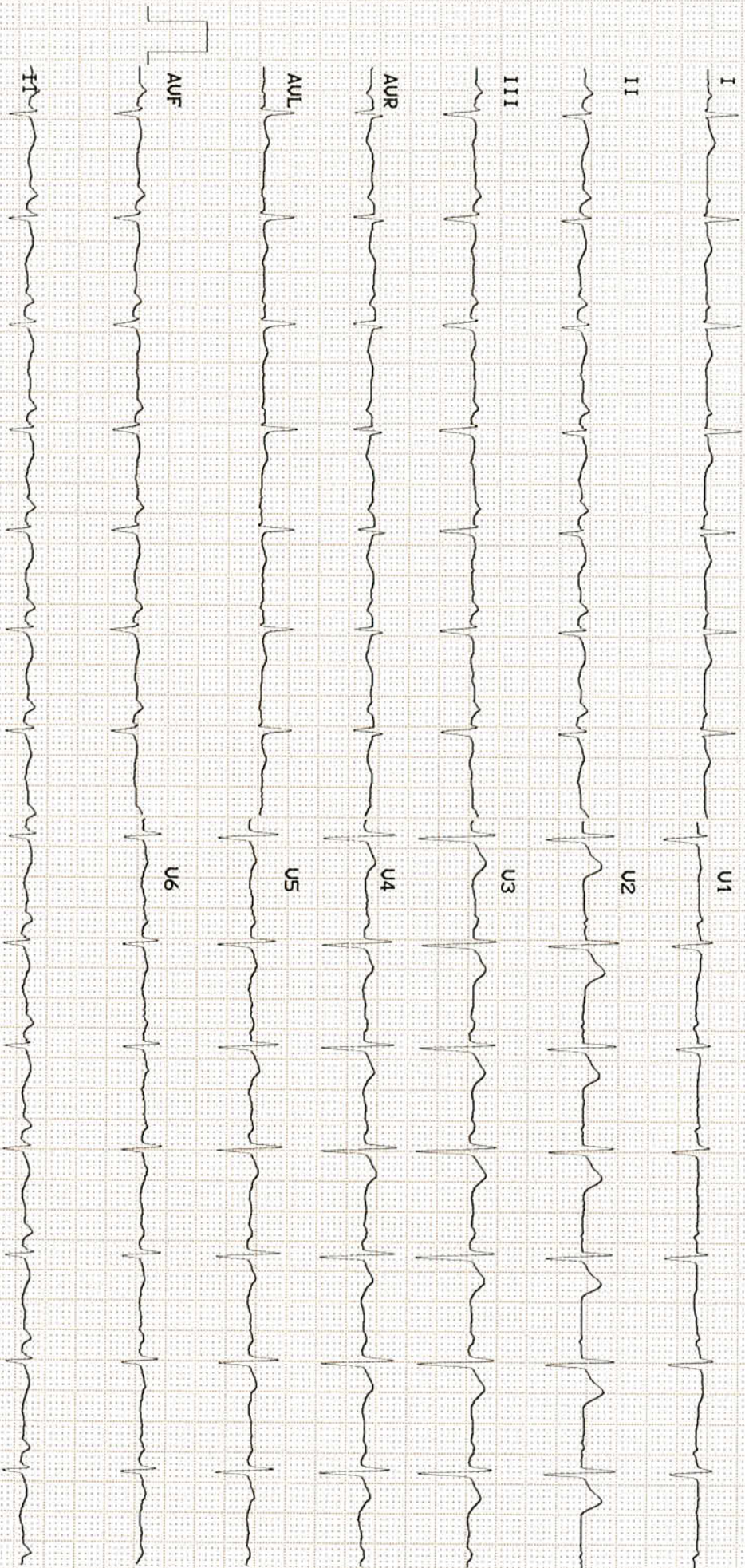
Doctor Signature

Measurement Results:
QRS : 92 ms
QT/QTcB : 334 / 402 ms
PR : 150 ms
P : 106 ms
RR/PP : 690 / 720 ms
P/QRS/T : 75 / -20 / 30 degrees
QTd/QTcBD : 60 / 72 ms
Sokolow : 0.9 mV
NK : 12



Interpretation:
minor left axis deviation
no R/S inversion up to U6
probably normal ECG

Unconfirmed report.



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CP/B ENT

B/c FAI 1st @

B/c HST

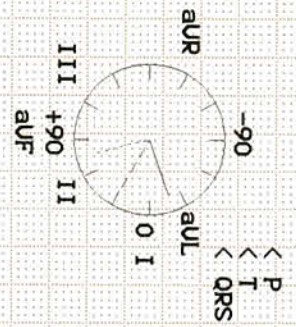
Shunt 1st @

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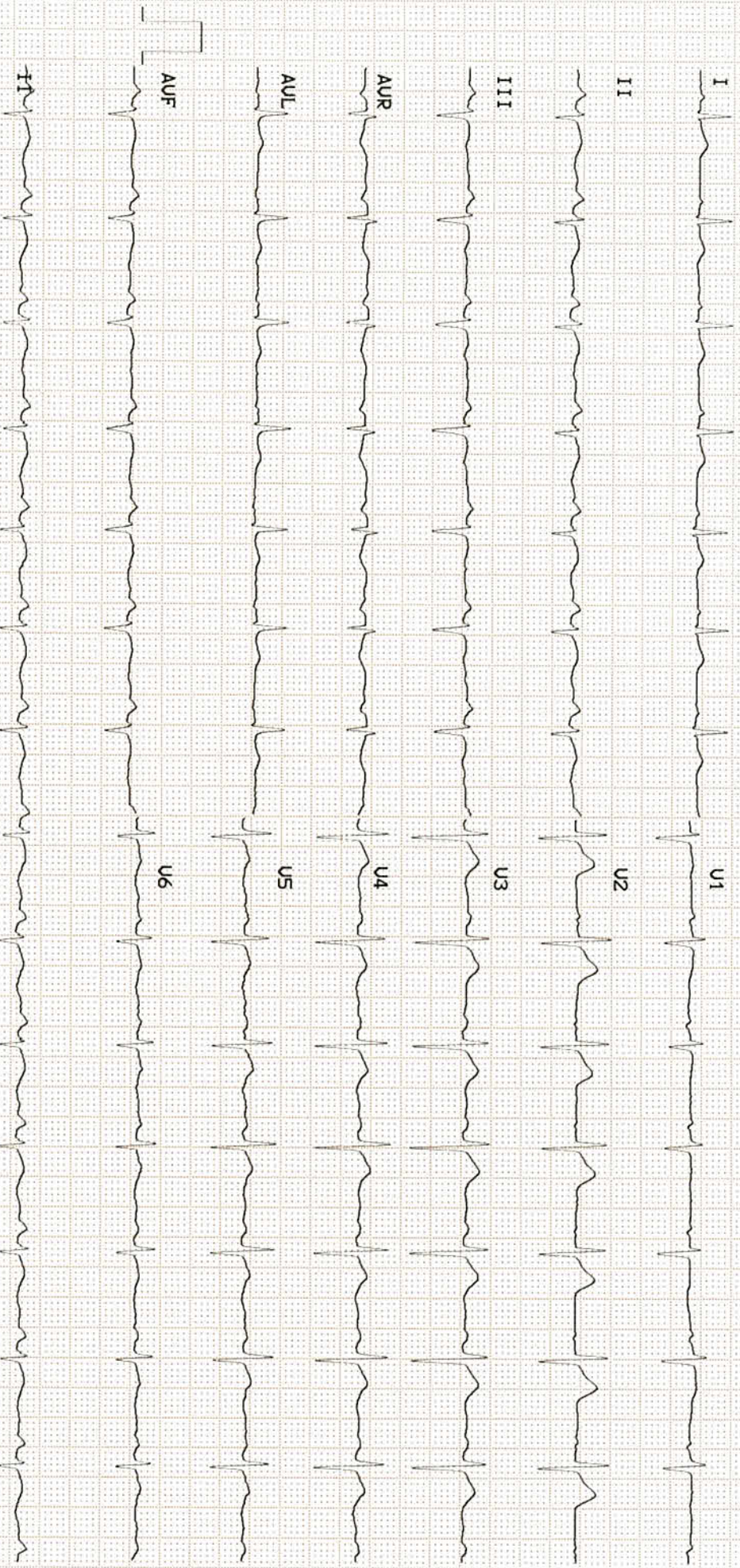
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Unconfirmed report.



Customer Pending Tests
OPHAL CHECKUP

Patient Name : Mr. Rakesh Kumar Singh
UHID : CMAR.0000337425
Conducted By: :
Referred By : SELF

Age : 46 Y/M
OP Visit No : CMAROPV763433
Conducted Date : 13-01-2024 19:16

ECHO (2D&COLOUR DOPPLER)

DIMENSIONS	VALUES	VALUES(RANGE)	DIMENSIONS	VALUES	VALUES(RANGE)
AO(ed)	27mm	25 - 37 mm	IVS(ed)	10mm	06 - 11 mm
LA(es)	32mm	19 - 40 mm	LVPW(ed)	10mm	06 - 11 mm
RVID(ed)	15mm	07 - 21 mm	EF	60 %	(50 – 70 %)
LVID(ed)	39mm	35 - 55 mm	%FD	35%	(25 – 40%)
LVID(es)	21mm	24 - 42 mm			

MORPHOLOGICAL DATA

Situs	Solitus
Cardiac position	Levocardia
Systemic veins	Normal
Pulmonary veins	Normal
Mitral valve	Normal
Aortic Valve	Normal
Tricuspid Valve	Normal
Pulmonary Valve	Normal
Right Ventricle	Normal
Left Ventricle	Normal
Interatrial Septum	Intact
Interventricular Septum	Intact
Pulmonary Artery	Normal
Aorta	Normal
Right Atrium	Normal
Left Atrium	Normal

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Conducted By: :
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Conducted Date : 13-01-2024 19:16

LV – RWMA	No RWMA at rest.
LV – FUNCTION	Normal systolic function
Pericardium	Normal Study
Doppler Studies	Normal
Doppler Summary	Normal
Rhythm	Sinus
IMPRESSION	Normal cardiac chambers Normal valves Normal LV Systolic function No pulmonary hypertension No RWMA at rest Normal pericardium, No intracardiac masses / thrombi

Dr. Kapil Rangan
Consultant Cardiologist
KMC No. 88625

Patient Name : Mr. Rakesh Kumar Singh

Age/Gender : 46 Y/M

UHID/MR No. : CMAR.0000337425

OP Visit No : CMAROPV763433

Sample Collected on :

Reported on : 13-01-2024 17:13

LRN# : RAD2207209

Specimen :

Ref Doctor : SELF

Emp/Auth/TPA ID : PKG10000474

DEPARTMENT OF RADIOLOGY

X-RAY CHEST PA

Both lung fields and hila are normal .

No obvious active pleuro-parenchymal lesion seen .

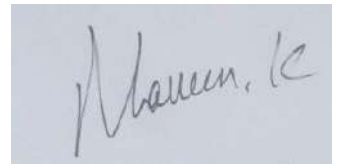
Both costophrenic and cardiophrenic angles are clear .

Both diaphragms are normal in position and contour .

Thoracic wall and soft tissues appear normal.

CONCLUSION :

No obvious abnormality seen



Dr. NAVEEN KUMAR K
MBBS, DMRD Radiology, (DNB)
Radiology

Patient Name	: Mr. Rakesh Kumar Singh	Age/Gender	: 46 Y/M
UHID/MR No.	: CMAR.0000337425	OP Visit No	: CMAROPV763433
Sample Collected on	:	Reported on	: 13-01-2024 11:06
LRN#	: RAD2207209	Specimen	:
Ref Doctor	: SELF		
Emp/Auth/TPA ID	: PKG10000474		

DEPARTMENT OF RADIOLOGY

ULTRASOUND - WHOLE ABDOMEN

LIVER: Appears normal in size (13.9cm), shape and shows diffuse increase in echopattern. No focal parenchymal lesions identified. No evidence of intra/extrahepatic biliary tree dilatation noted. Portal vein appears to be of normal size.

GALLBLADDER: Partially distended.No definite calculi identified in this state of distension . No evidence of abnormal wall thickening noted.

SPLEEN: Appears normal in size and shows normal echopattern. No focal parenchymal lesions identified.

PANCREAS: Head and body appears normal. Rest obscured by bowel gas.

KIDNEYS: Both kidneys appear normal in size, shape and echopattern. Corticomedullary differentiation appears maintained. No evidence of calculi or hydronephrosis on either side.

Right kidney measures 11.0cm and parenchymal thickness measures 1.4cm.

Left kidney measures 10.3cm and parenchymal thickness measures 1.5cm.

URINARY BLADDER: Partially distended and appears normal. No evidence of abnormal wall thickening noted.

PROSTATE: Prostate is normal in size and echo-pattern. It measures 3.9x3.4x2.8cm vol - 20cc

No free fluid or lymphadenopathy is seen.

Visualized bowel loops appears normal.

IMPRESSION:

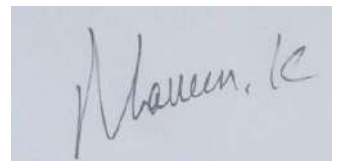
GRADE I FATTY INFILTRATION OF LIVER.

NO OTHER SIGNIFICANT ABNORMALITY DETECTED.

Suggested clinical correlation and further evaluation if needed.

Report disclaimer :

- 1.Not all diseases/ pathologies can be detected in USG due to certain technical limitation , obesity, bowel gas , patient preparation and organ location .
2. USG scan being an investigation with technical limitation has to be correlated clinically;this report is not valid for medicolegal purpose
- 3 .please note: non obstructing ureteric calculi; small renal/ ureteric calculi may not always be detected on USG; a CT KUB is advised if symptoms persist .
- 4.Printing mistakes should immediately be brought to notice for correction.
- 5.This is USG Abdomen screening.



Dr. NAVEEN KUMAR K
MBBS, DMRD Radiology, (DNB)
Radiology

Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 08:44AM
Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 10:10AM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 12:11PM
Visit ID : CMAROPV763433	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : PKG10000474	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

PERIPHERAL SMEAR , WHOLE BLOOD EDTA

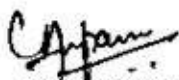
RBCs: are normocytic normochromic

WBCs: are normal in total number with relative increase in lymphocytes.

PLATELETS: appear adequate in number.

HEMOPARASITES: negative

IMPRESSION: NORMOCYTIC NORMOCHROMIC BLOOD PICTURE WITH RELATIVE LYMPHOCYTOSIS.



Dr. Chinki Anupam
M.B.B.S,M.D(Pathology)
Consultant Pathologist



Dr. Shobha Emmanuel
M.B.B.S,M.D(Pathology)
Consultant Pathologist



SIN No:BED240009070

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

THIS TEST HAS BEEN PERFORMED AT APOLLO HEALTH AND LIFESTYLE LIMITED- RRL BANGALORE

Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115819)
Regd. Office: 1-10-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |
www.apollohl.com | Email ID: enquiry@apollohl.com, Ph No: 040-4904 7777, Fax No: 4904 7744

APOLLO CLINICS NETWORK

Telangana: Hyderabad (AS Rao Nagar | Chanda Nagar | Kondapur | Nallakunta | Nizampet | Manikonda | Uppal) | Andhra Pradesh: Vizag (Seethamma Peta) | Karnataka: Bangalore (Basavanagudi | Bellandur | Electronics City | Fraser Town | HSR Layout | Indira Nagar | JP Nagar | Kundalahalli | Koramangala | Sarjapur Road) | Mysore (VV Mohalla) | Tamilnadu: Chennai (Annanagar | Kotturpuram | Mogappair | T Nagar | Valasaravakkam | Velachery) | Maharashtra: Pune (Aundh | Nigdi Pradhikaran | Viman Nagar | Wanowrie) | Uttar Pradesh: Ghaziabad (Indrapuram) | Gujarat: Ahmedabad (Satellite) | Punjab: Amritsar (Court Road) | Haryana: Faridabad (Railway Station Road)

Address:
323/100/123, Doddathangur Village, Neeladri Main Road,
Neeladri Nagar, Electronic city, Bengaluru,
Karnataka - 560034

**1860 500 7788**
www.apolloclinic.com

Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 08:44AM
Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 10:10AM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 11:19AM
Visit ID : CMAROPV763433	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : PKG10000474	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	15.6	g/dL	13-17	Spectrophotometer
PCV	47.50	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.04	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	94.3	fL	83-101	Calculated
MCH	30.9	pg	27-32	Calculated
MCHC	32.7	g/dL	31.5-34.5	Calculated
R.D.W	15.5	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	5,930	cells/cu.mm	4000-10000	Electrical Impedence
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	32.5	%	40-80	Electrical Impedence
LYMPHOCYTES	55.9	%	20-40	Electrical Impedence
EOSINOPHILS	4.1	%	1-6	Electrical Impedence
MONOCYTES	7.3	%	2-10	Electrical Impedence
BASOPHILS	0.2	%	<1-2	Electrical Impedence
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	1927.25	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	3314.87	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	243.13	Cells/cu.mm	20-500	Calculated
MONOCYTES	432.89	Cells/cu.mm	200-1000	Calculated
BASOPHILS	11.86	Cells/cu.mm	0-100	Calculated
PLATELET COUNT	198000	cells/cu.mm	150000-410000	Electrical impedence
ERYTHROCYTE SEDIMENTATION RATE (ESR)	13	mm at the end of 1 hour	0-15	Modified Westgren method
PERIPHERAL SMEAR				

RBCs: are normocytic normochromic



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Consultant Pathologist



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DEPARTMENT OF HAEMATOLOGY

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WBCs: are normal in total number with relative increase in lymphocytes.

PLATELETS: appear adequate in number.

HEMOPARASITES: negative

IMPRESSION: NORMOCYTIC NORMOCHROMIC BLOOD PICTURE WITH RELATIVE LYMPHOCYTOSIS.

Kindly correlate clinically.



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M.B.B.S, M.D (Pathology)
Consultant Pathologist



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UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 01:25PM
Visit ID : CMAROPV763433	Status : Final Report
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DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA				
BLOOD GROUP TYPE	B			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination



Dr.Shobha Emmanuel
M.B.B.S.,M.D(Pathology)
Consultant Pathologist



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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	78	mg/dL	70-100	HEXOKINASE

Comment:

As per American Diabetes Guidelines, 2023

Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

Note:

- The diagnosis of Diabetes requires a fasting plasma glucose of $> \text{ or } = 126 \text{ mg/dL}$ and/or a random / 2 hr post glucose value of $> \text{ or } = 200 \text{ mg/dL}$ on at least 2 occasions.
- Very high glucose levels ($>450 \text{ mg/dL}$ in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	97	mg/dL	70-140	HEXOKINASE

Comment:

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA				



DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:EDT240003828

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

HBA1C, GLYCATED HEMOGLOBIN	6	%	HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	126	mg/dL	Calculated

Comment:

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HBA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 – 6.4
DIABETES	≥ 6.5
DIABETICS	
EXCELLENT CONTROL	6 – 7
FAIR TO GOOD CONTROL	7 – 8
UNSATISFACTORY CONTROL	8 – 10
POOR CONTROL	>10

Note: Dietary preparation or fasting is not required.

- HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
- Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.
- Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present.
- In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control
 - A: HbF >25%
 - B: Homozygous Hemoglobinopathy.
 (Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)




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CONSULTANT BIOCHEMIST

SIN No:EDT240003828

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Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 08:44AM
Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 10:35AM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 11:54AM
Visit ID : CMAROPV763433	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : PKG10000474	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	226	mg/dL	<200	CHO-POD
TRIGLYCERIDES	343	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	47	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	180	mg/dL	<130	Calculated
LDL CHOLESTEROL	110.9	mg/dL	<100	Calculated
VLDL CHOLESTEROL	68.6	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.82		0-4.97	Calculated

Comment:

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240	
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500
LDL	Optimal < 100 Near Optimal 100-129	130 - 159	160 - 189	≥ 190
HDL	≥ 60			
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220

- Measurements in the same patient on different days can show physiological and analytical variations.
- NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- VLDL, LDL Cholesterol Non HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 350mg/dl. When Triglycerides are more than 350 mg/dl LDL cholesterol is a direct measurement.



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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324



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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.62	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.12	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.50	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	74	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	33.0	U/L	<50	IFCC
ALKALINE PHOSPHATASE	79.00	U/L	30-120	IFCC
PROTEIN, TOTAL	6.92	g/dL	6.6-8.3	Biuret
ALBUMIN	4.12	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.80	g/dL	2.0-3.5	Calculated
A/G RATIO	1.47		0.9-2.0	Calculated

Comment:

LFT results reflect different aspects of the health of the liver, i.e., hepatocyte integrity (AST & ALT), synthesis and secretion of bile (Bilirubin, ALP), cholestasis (ALP, GGT), protein synthesis (Albumin)

Common patterns seen:

1. Hepatocellular Injury:

- AST – Elevated levels can be seen. However, it is not specific to liver and can be raised in cardiac and skeletal injuries.
- ALT – Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for hepatocellular injury. Values also correlate well with increasing BMI.
- Disproportionate increase in AST, ALT compared with ALP.
- Bilirubin may be elevated.
- AST: ALT (ratio) – In case of hepatocellular injury AST: ALT > 1 In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilson's diseases, Cirrhosis, but the increase is usually not >2.

2. Cholestatic Pattern:

- ALP – Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated.
- ALP elevation also seen in pregnancy, impacted by age and sex.



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Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 08:44AM
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

• To establish the hepatic origin correlation with GGT helps. If GGT elevated indicates hepatic cause of increased ALP.

3. **Synthetic function impairment:**

- Albumin- Liver disease reduces albumin levels.
- Correlation with PT (Prothrombin Time) helps.



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Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 10:35AM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 01:18PM
Visit ID : CMAROPV763433	Status : Final Report
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM				
CREATININE	1.00	mg/dL	0.67-1.17	Jaffe's, Method
UREA	28.90	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	13.5	mg/dL	8.0 - 23.0	Calculated
URIC ACID	5.68	mg/dL	3.5-7.2	Uricase PAP
CALCIUM	9.00	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	3.20	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	139	mmol/L	136-146	ISE (Indirect)
POTASSIUM	4.1	mmol/L	3.5-5.1	ISE (Indirect)
CHLORIDE	105	mmol/L	101-109	ISE (Indirect)



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Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 10:35AM
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	25.00	U/L	<55	IFCC



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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM				
TRI-iodothyronine (T3, TOTAL)	0.93	ng/mL	0.64-1.52	CMIA
THYROXINE (T4, TOTAL)	7.62	µg/dL	4.87-11.72	CMIA
THYROID STIMULATING HORMONE (TSH)	2.480	µIU/mL	0.35-4.94	CMIA

Comment:

For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)
First trimester	0.1 - 2.5
Second trimester	0.2 – 3.0
Third trimester	0.3 – 3.0

1. TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH activates production of T3 (Triiodothyronine) and its prohormone T4 (Thyroxine). Increased blood level of T3 and T4 inhibit production of TSH.
2. TSH is elevated in primary hypothyroidism and will be low in primary hyperthyroidism. Elevated or low TSH in the context of normal free thyroxine is often referred to as sub-clinical hypo- or hyperthyroidism respectively.
3. Both T4 & T3 provides limited clinical information as both are highly bound to proteins in circulation and reflects mostly inactive hormone. Only a very small fraction of circulating hormone is free and biologically active.
4. Significant variations in TSH can occur with circadian rhythm, hormonal status, stress, sleep deprivation, medication & circulating antibodies.

TSH	T3	T4	FT4	Conditions
High	Low	Low	Low	Primary Hypothyroidism, Post Thyroidectomy, Chronic Autoimmune Thyroiditis
High	N	N	N	Subclinical Hypothyroidism, Autoimmune Thyroiditis, Insufficient Hormone Replacement Therapy.
N/Low	Low	Low	Low	Secondary and Tertiary Hypothyroidism
Low	High	High	High	Primary Hyperthyroidism, Goitre, Thyroiditis, Drug effects, Early Pregnancy
Low	N	N	N	Subclinical Hyperthyroidism
Low	Low	Low	Low	Central Hypothyroidism, Treatment with Hyperthyroidism
Low	N	High	High	Thyroiditis, Interfering Antibodies
N/Low	High	N	N	T3 Thyrotoxicosis, Non thyroidal causes




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DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma
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Telangana: Hyderabad (AS Rao Nagar | Chanda Nagar | Kondapur | Nallakunta | Nizampet | Manikonda | Uppal) | Andhra Pradesh: Vizag (Seethamma Peta) | Karnataka: Bangalore (Basavanagudi | Bellandur | Electronics City | Fraser Town | HSR Layout | Indira Nagar | JP Nagar | Kundalahalli | Koramangala | Sarjapur Road) | Mysore (VV Mohalla) | Tamilnadu: Chennai (Annanagar | Kotturpuram | Mogappair | T Nagar | Valasaravakkam | Velachery) | Maharashtra: Pune (Aundh | Nigdi Pradhikaran | Viman Nagar | Wanowrie) | Uttar Pradesh: Ghaziabad (Indrapuram) | Gujarat: Ahmedabad (Satellite) | Punjab: Amritsar (Court Road) | Haryana: Faridabad (Railway Station Road)

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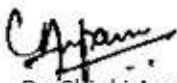
 **1860 500 7788**
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Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 08:44AM
Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 11:10AM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 12:16PM
Visit ID : CMAROPV763433	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : PKG10000474	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE URINE EXAMINATION (CUE) , URINE				
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
pH	5.5		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GLUCOSE OXIDASE
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING REACTION
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	MODIFIED EHRlich REACTION
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	LEUCOCYTE ESTERASE
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	2-3	/hpf	0-5	Microscopy
EPITHELIAL CELLS	1-2	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY



Dr. Chinki Anupam
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Consultant Pathologist



Dr. Shobha Emmanuel
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SIN No:UR2261814

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

THIS TEST HAS BEEN PERFORMED AT APOLLO HEALTH AND LIFESTYLE LIMITED- RRL BANGALORE

Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115819)
Regd. Office: 1-10-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |
www.apollohl.com | Email ID: enquiry@apollohl.com, Ph No: 040-4904 7777, Fax No: 4904 7744

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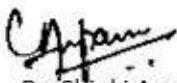
 1860 500 7788
www.apolloclinic.com

Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 11:24AM
Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 04:02PM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 04:42PM
Visit ID : CMAROPV763433	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : PKG10000474	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	Dipstick



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SIN No:UPP016154

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Regd. Office: 1-10-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |
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 **1860 500 7788**
www.apolloclinic.com

Patient Name : Mr.RAKESH KUMAR SINGH	Collected : 13/Jan/2024 08:44AM
Age/Gender : 46 Y 0 M 8 D/M	Received : 13/Jan/2024 11:10AM
UHID/MR No : CMAR.0000337425	Reported : 13/Jan/2024 02:15PM
Visit ID : CMAROPV763433	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : PKG10000474	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
URINE GLUCOSE(FASTING)	NEGATIVE		NEGATIVE	Dipstick

*** End Of Report ***



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SIN No:UF010162

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

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