Apollo Clinic



# **CONSENT FORM**

Patient Name: LALIT KUMAR Age: 33  UHID Number: Company Name: BAPIC of BARONA
IMr/Mrs/Ms
And I claim the above statement in my full consciousness.
Patient Signature: Date: 1692024.

Apollo One - New Delhi Address:

Pincode:- 110005

Applice One (Unit of Apollo Health and Lifestyle Ltd.)

Wishof Mo. 31, Pusa Road,

Wishof Mo. 31, Pusa Road,

Wishof Mo. 31, Pusa Road, WEA, opposite metro pilar no. 77, Karol Baghollo One Pusa Road (appolloclinic.com

New Beiht 1 10005. Contact Number 011- 40393610 / Helpline No. 1860 500 7788

Emergency: 1066 / Email: ApolloOnePusaRoad@apolloclinic.com

Registered Office: Apollo Health and Lifestyle Limited 7-1-617/A, 615 and 616, Imperial Towers, 7th Floor, Ameerpet, Hyderabad-500038, U85110TG2000PLC115819



# CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination of

Latt Fura on 16/9/24

After reviewing the medical history and on clinical examination it has been found that he/she Tick Medically Fit It Wit Restrictions Recommendations Though following restrictions have been revealed, in my opinion, these are not impediments to the job. 1..... 2..... 3..... However, the employee should follow the advice/medication that has been communicated to him/her. Review after Current Unfit. recommended Review after Unfit Height: Weight. /96 mm/9 Blood Pressure:

This certificate is not meant for medico-legal purposes

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Mr Lalit kumen Age - 334 IM

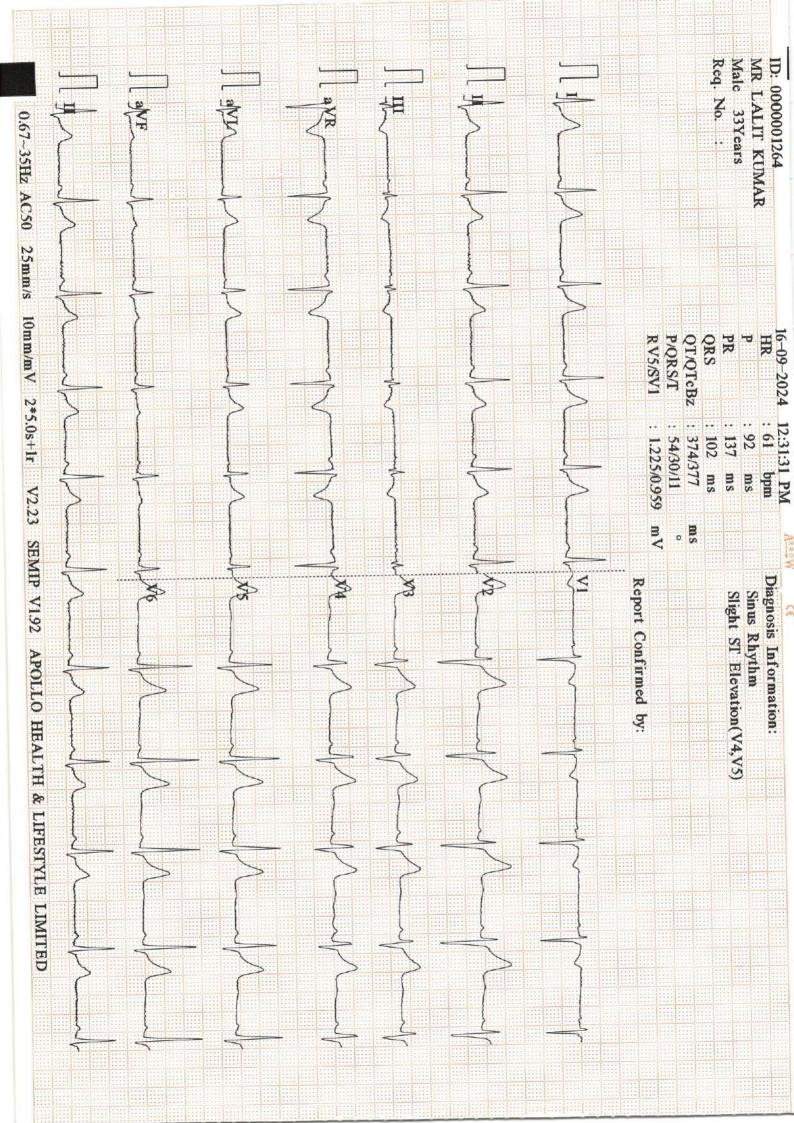


Height: 163 Cm Weight: 7	119	BMI: 26.72	Waist Circum :
	3 b/m	Resp: 20 mt	B.P: 133 96 mm
XP02-99 X	Ger	neral Examination / Allergie	25
		History :-	
Past His:- Aho		General Heal	2th checkup.
4/0 of fungal on "x:5 year	C4		=1
Surgical His :-			
Mo of Pacotid gland Sx X4 year			
xy year		Heared	
Allergy			
R Active R	S - Poli	- Adequate entery.	<b>⊘</b>
Family His :-		U	
M-Hyprotenesis fill	us a Pt.	conscious oriented	TO TPP.
<b>1</b> 9			
Covid Vaccines :- 2 deser.	A - 80 M	- & pontender.	
Diet:-			ADVICE :-
Hirned fruit:		£	
Physical Activity :- Mild		-	- P. I. L
(Banker) Activity.		1) Revie	w & Reforts
Running started. =0.			. /
Menstruation His :-			
			des
New Joseph West of 1			16/4/24
Marital His :- Maried.			1
Addictions :-		70	
Occasional Alcoholic		APOLL	
No smolary		" OLLO HE	ALTHANDUS
No tobacco chewro		Plot No. 3. Blow	ALTH AND LIFESTYLE LTD.  APOLLO ONE  A POLLO ONE  A POLLO ONE  A POLLO PIller No. 77
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ID caop0000001264

Height 163cm Age 33

Gender Male

Test Date / Time 16.09.2024. 12:30

**Body Composition Analysis** 

		Values	Total Body Water	Soft Lean Mass	Fat Free Mass	Weight
Total Body Water (L)		34.7 (32.8~40.2)	34.7	44.5		
Protein	(kg)	9.2 (8.8~10.8)		(42.2~51.6)	47.1 (44.7~54.7)	71.2
Minerals	(kg)	3.17 (3.04~3.72)	non-osseous			(49.7~67.3)
Body Fat Ma	ass (kg)	24.1 (7.0~14.0)			-	

Muscle-Fat Analysis

		U	nder		Norma	1			0	/er			
Weight	(kg)	55	70	85	100	115	130 71.2	145	160	175	190	205	%
SMM Skedetal Muscle Mass	(kg)	70	80	90	100 26.1	110	120	130	140	150	160	170	%
Body Fat Mas	is (kg)	40	60	80	100	160	220	<sup>280</sup>	340 .1	400	460	520	%

OL WALL

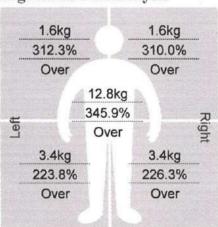
	U	nder		Norma				O	/er		
BMI Body Mass Index (kg/m²)	10.0	15.0	18.5	22.0	25.0	30.0 26.8	35.0	40.0	45.0	50.0	55.0
PBF Percent Body Fet (%)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0 33	40.0	45.0	50.0

Lean Mass

% Evaluation Segmental Lean Analysis

0		AND DESCRIPTION OF THE PERSON NAMED IN		NASA TE
	2.65kg		2.64kg	
	90.1%		89.7%	
	Normal		Normal	
		22.1kg		
,		94.4%		N
Left		Normal		Right
	7.17kg		7.14kg	
	87.7%		87.3%	
	Under		Under	

Segmental Fat Analysis



\* Segmental fat is estimated

Fat Mass % Evaluation

**Body Composition History** 

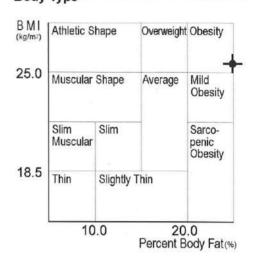
Weight (kg)	71.2			\$
SMM (kg) Sheletal Muscle Mass	26.1		 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	a de la constante de la consta
PBF (%) Percent Body Fat	33.8	A = 4   1   2   2   2   2   2   2   2   2   2	 *	
Recent Total	16.09.24. 12:30			

InBody Score

2/100 Points

\* Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

**Body Type** 



Weight Control

The State of the S		
Target Weight	58.4	kg
Weight Control	- 12.8	kg
Fat Control	- 15.3	kg
Muscle Control	+25	ka

Obesity Evaluation

ВМІ	□ Normal □ Under	⊠Slightly Over □ Over
	22.	9

□ Normal □ Slightly **PBF** ✓ Over

**Body Balance Evaluation** □ Extremely Unbalanced ☑Balanced □ Slightly Unbalanced Upper □ Extremely Unbalanced Balanced □ Slightly Unbalanced Lower Upper-Lower ☑Balanced ☐Slightly Unbalanced □Extremely Unbalanced

Research Parameters Basal Metabolic Rate 1388 kcal 1547~1808) Waist-Hip Ratio 0.95 0.80~0.90 ) Visceral Fat Level 11 1~9 Obesity Degree 122 % 90~110 2.60 kg Bone Mineral Content ( 2.50~3.06 ) 7.4 kg/m²

Recommended calorie intake 2081 kcal

Impedance

	RA	LA	TR	RL	LL
$Z(\Omega)$ 5 kHz	345.9	343.1	27.4	280.3	273.2
50 kHz	305.1	304.9	23.8	246.1	242.2
$250\mathrm{kHz}$	272.9	273.2	20.0	221.8	219.4

# DR. ALVEEN KAUR

Senior Consultant - Dental BDS, MIDA, REG NO- A-12249 Specialized in Surgical, & Cosmetic procedures & Trauma For Booking Call on - 9817966537 Days: - Mon to Sat 10AM to 5PM



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www.apolloclinic.com

New January 25



## **Eye Checkup**

NAME: - MR. Lalit Kumar

Age: - 33

Date: 16 9 24

SELF / CORPORATE: -

	Left Eye			
Distant Vision	6/0		6/6	
Near vision	6/6		6/6	
Color vision	Mormal	OK	Normal	(OK
Fundus examination		<i></i>		
Intraocular pressure				H (4)
Slit lamp exam				18

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Plot N Signature O CONTROL TYLE LTD.

Pusa Road
New Deini-110005



NAME: Lalit	AGE: 33 Y/ SEX: M	
DATE: 16.9.2024	REF.BY: HC (UHID:-1264)	

# ULTRASOUND WHOLE ABDOMEN

Liver is normal in size(13.7cm) and echotexture. No focal lesion seen in the liver. Intrahepatic bile ducts and portal radicals are normal in caliber.

Gall bladder is partially contracted does not show any evidence of cholecystitis or cholelithiasis.

CBD is not dilated.

Portal vein is normal in caliber.

Both kidneys are of normal size (RK 9.1x.4.8cm, LK 9.8x5.8cm), shape and echopattern. No calculus, growth or hydronephrotic changes seen in either kidney. The parenchymal thickness is normal & cortico-medullary differentiation is well maintained.

Spleen is normal in size (9.72cm) and echotexture. Pancreas visualized part appears normal.

No free fluid seen in the peritoneal cavity.

Urinary bladder is partially filled. There are cystic structure projecting into the bladder, at bilateral vesicoureteric junction (VUJ) likely bilateral ureterocele.

Advice IVP if clinically required.

Prostate is normal in size 44x29x26mm, vol 18.3cc and shape. No focal lesion is seen.

Please correlate clinically

DR. SEEMA PRAJAPATI SENIOR RESIDENT RADIODAIGNOSIS

This report is only a professional opinion and it is not valid for medico-legal purposes. Apollo One (Unit of Apollo Health and Lifestyle Ltd )

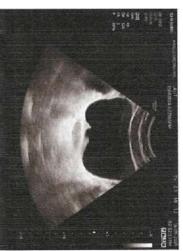
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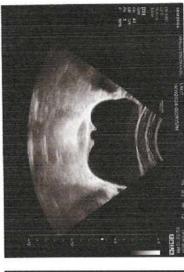
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16092024-022905PM LALIT Accession #
Exam Date
Description
Operator

16-09-2024



TOUCHING LIVE

Patient Name

: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M

UHID/MR No

: CAOP.0000001264 : CAOPOPV01660

Visit ID Ref Doctor

: Self

Emp/Auth/TPA ID

: 22E33335

Collected

Received

: 16/Sep/2024 11:57AM

: 16/Sep/2024 02:02PM

Received

: 16/Sep/2024 03:10PM

Status

: Final Report

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## DEPARTMENT OF HAEMATOLOGY

PERIPHERAL SMEAR,	WHOLE	BLOOD	EDTA
-------------------	-------	-------	------

RBCs	Show mild anisocytosis, are predominantly Normocytic Normochromic.
WBCs	Normal in number and morphology Differential count is within normal limits
Platelets	Adequate in number, verified on smear
	No Hemoparasites seen in smears examined.
Impression	Normal peripheral smear study
Advice	Clinical correlation

Page 1 of 13



Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist





: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M : CAOP.0000001264

UHID/MR No Visit ID

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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. Interval	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	15.6	g/dL	13-17	Spectrophotometer
PCV	46.40	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.11	Million/cu.mm	4.5-5.5	Electrical Impedence
MCV	91	fL	83-101	Calculated
MCH	30.6	pg	27-32	Calculated
MCHC	33.6	g/dL	31.5-34.5	Calculated
R.D.W	14.6	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	6,000	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (I	OLC)			
NEUTROPHILS	65	%	40-80	Electrical Impedance
LYMPHOCYTES	29	%	20-40	Electrical Impedance
EOSINOPHILS	02	%	1-6	Electrical Impedance
MONOCYTES	04	%	2-10	Electrical Impedance
BASOPHILS	00	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	3900	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	1740	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	120	Cells/cu.mm	20-500	Calculated
MONOCYTES	240	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	2.24		0.78-3.53	Calculated
PLATELET COUNT	222000	cells/cu.mm	150000-410000	Electrical impedence
ERYTHROCYTE SEDIMENTATION RATE (ESR)	06	mm at the end of 1 hour	0-15	Modified Westergrer
PERIPHERAL SMEAR				

Page 2 of 13

Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist





LOUGHING LI

Patient Name

: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M

UHID/MR No

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

Test Name	Result	Unit	Bio. Ref. Interval	Method
BLOOD GROUP ABO AND RH FAC	TOR , WHOLE BLOOD EDT	4		
BLOOD GROUP TYPE	AB			Gel agglutination
Rh TYPE	POSITIVE			Gel agglutination

Page 3 of 13

Dr.Shivangi Chauhan 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. Interval	Method
GLUCOSE, FASTING , NAF PLASMA	90	mg/dL	70-100	GOD - POD

#### 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:

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

Test Name	Result	Unit	Bio. Ref. Interval	Method	
GLUCOSE, POST PRANDIAL (PP), 2 HOURS, SODIUM FLUORIDE PLASMA (2 HR)	154	mg/dL	70-140	GOD - POD	

#### Comment:

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

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. Interval	Method
HBA1C (GLYCATED HEMOGLOBIN), WH	OLE BLOOD EDTA			
HBA1C, GLYCATED HEMOGLOBIN	5.3	%		HPLC
ESTIMATED AVERAGE GLUCOSE	105	mg/dL		Calculated

Page 4 of 13

Dr. Shivangi Chauhan 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

(eAG)

## 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.

- 1. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
- 2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
- 3. 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.
- 4. 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.
- 5. 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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Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist



DIAGNOSTICS

Patient Name

: Mr.LALIT KUMAR

Age/Gender

Visit ID

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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. Interval	Method
LIPID PROFILE, SERUM				
TOTAL CHOLESTEROL	169	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	79	mg/dL	<150	Enzymatic
HDL CHOLESTEROL	34	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	135	mg/dL	<130	Calculated
LDL CHOLESTEROL	119.2	mg/dL	<100	Calculated
VLDL CHOLESTEROL	15.8	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.97		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.01		< 0.11	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 can show physiological and analytical variations.

NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.

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Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist





: Mr.LALIT KUMAR

Age/Gender

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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. Interval	Method
IVER FUNCTION TEST (LFT), SERUM				
BILIRUBIN, TOTAL	0.30	mg/dL	0.20-1.20	Colorimetric
BILIRUBIN CONJUGATED (DIRECT)	0.10	mg/dL	0.0-0.3	Calculated
BILIRUBIN (INDIRECT)	0.20	mg/dL	0.0-1.1	<b>Dual Wavelength</b>
ALANINE AMINOTRANSFERASE (ALT/SGPT)	26	U/L	21-72	UV with P-5-P
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	17.0	U/L	17-59	UV with P-5-P
AST (SGOT) / ALT (SGPT) RATIO (DE RITIS)	0.6		<1.15	Calculated
ALKALINE PHOSPHATASE	95.00	U/L	38-126	p-nitrophenyl phosphate
PROTEIN, TOTAL	7.10	g/dL	6.3-8.2	Biuret
ALBUMIN	4.50	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.60	g/dL	2.0-3.5	Calculated
A/G RATIO	1.73		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 \*ALT - Elevated levels indicate hepatocellular damage. It is considered to be most specific lab test for injuries. hepatocellular injury. Values also correlate well with increasing BMI. Disproportionate increase in AST, ALT compared with ALP, AST: ALT (ratio) - In case of hepatocellular injury AST: ALT > 1In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons's diseases, Cirrhosis, but the increase is usually not >2.

2. Cholestatic Pattern:

\*ALP - Disproportionate increase in ALP compared with AST, ALT. ALP elevation also seen in pregnancy, impacted by age \*Bilirubin elevated-predominantly direct, To establish the hepatic origin correlation with elevated GGT helps. and sex.

3. Synthetic function impairment:

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

4. Associated tests for assessment of liver fibrosis - Fibrosis-4 and APRI Index.

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Dr.Shivangi Chauhan

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



: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M

UHID/MR No

: CAOP.0000001264

Ref Doctor

Visit ID

: CAOPOPV01660

Emp/Auth/TPA ID

: Self : 22E33335 Collected

: 16/Sep/2024 11:57AM

Received

: 16/Sep/2024 05:17PM

Reported

: 16/Sep/2024 05:52PM

Status

: Final Report

Sponsor Name

: ARCOFEMI HEALTHCARE LIMITED

### DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Interval	Method
RENAL PROFILE/KIDNEY FUNCTION	TEST (RFT/KFT), SEF	RUM		
CREATININE	0.66	mg/dL	0.5-1.04	Creatinine amidohydrolase
UREA	22.50	mg/dL	19-43	Urease
BLOOD UREA NITROGEN	10.5	mg/dL	8.0 - 23.0	Calculated
URIC ACID	7.80	mg/dL	3.5-8.5	Uricase
CALCIUM	9.50	mg/dL	8.4 - 10.2	Arsenazo-III
PHOSPHORUS, INORGANIC	3.90	mg/dL	2.5-4.5	PMA Phenol
SODIUM	141	mmol/L	135-145	Direct ISE
POTASSIUM	5.1	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	100	mmol/L	98 - 107	Direct ISE
PROTEIN, TOTAL	7.10	g/dL	6.3-8.2	Biuret
ALBUMIN	4.50	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.60	g/dL	2.0-3.5	Calculated
A/G RATIO	1.73		0.9-2.0	Calculated

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Dr. Shivangi Chauhan M.B.B.S, M.D (Pathology) Consultant Pathologist



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Test Name	Result	Unit	Bio. Ref. Interval	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	20.00	U/L	15-73	Glyclyclycine Nitoranalide

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Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist







Patient Name VES

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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. Interval	Method
THYROID PROFILE TOTAL (T3, T4, TSH),	SERUM			
TRI-IODOTHYRONINE (T3, TOTAL)	1.28	ng/mL	0.87-1.78	CLIA
THYROXINE (T4, TOTAL)	10.26	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	2.651	μIU/mL	0.38-5.33	CLIA

#### 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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Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist

Dr.Tanish Mandal M.B.B.S,M.D(Pathology) Consultant Pathologist









: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M

UHID/MR No

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## DEPARTMENT OF IMMUNOLOGY

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

Pituitary Adenoma; TSHoma/Thyrotropinoma High High High High

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Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist

Dr. Tanish Mandal M.B.B.S,M.D(Pathology) Consultant Pathologist







: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M

UHID/MR No Visit ID

: CAOP.0000001264 : CAOPOPV01660

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## DEPARTMENT OF CLINICAL PATHOLOGY

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

Test Name	Result	Unit	Bio. Ref. Interval	Method
COMPLETE URINE EXAMINATION (C	CUE) , URINE			
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Physical Measurement
рН	6.0		5-7.5	Double Indicator
SP. GRAVITY	1.020		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	Modifed Ehrlich Reaction
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Leucocyte Esterase
CENTRIFUGED SEDIMENT WET N	OUNT AND MICROSCOP	Y		
PUS CELLS	3-4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	2-3	/hpf	<10	Microscopy
RBC	NIL	/hpf	0-2	Microscopy
CASTS	NIL		0-2 Hyaline Cast	Microscopy
CRYSTALS	ABSENT		ABSENT	Microscopy

### Comment:

All urine samples are checked for adequacy and suitability before examination. All abnormal chemical examination are rechecked and verified by manual methods.

Microscopy findings are reported as an average of 10 high power fields.

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Dr. Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist





DIAGNOSTICS

: Mr.LALIT KUMAR

Age/Gender

: 33 Y 9 M 6 D/M

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# DEPARTMENT OF CLINICAL PATHOLOGY

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

Took Name	Result	Unit	Bio. Ref. Interval	Method
Test Name			NEGATIVE	Dipstick
JRINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	Dipotion
	Result	Unit	Bio. Ref. Interval	Method
Test Name	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		NEGATIVE	Dipstick
URINE GLUCOSE(FASTING)	NEGATIVE		NEGATIVE	Dipatien

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

Page 13 of 13



Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist





TOUGHING LIVE

Patient Name

: Mr.LALIT KUMAR

Age/Gender UHID/MR No : 33 Y 9 M 6 D/M : CAOP.0000001264

Visit ID

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### TERMS AND CONDITIONS GOVERNING THIS REPORT

The reported results are for information and interpretation of the referring doctor or such other medical professionals, who understand reporting units, reference ranges and limitations of technologies.

Laboratories not be responsible for any interpretation whatsoever.

It is presumed that the tests performed are, on the specimen / sample being to the patient named or identified and the verifications of the particulars have been cleared out by the patient or his / her representative at the point of generation of said specimen.

The reported results are restricted to the given specimen only. Results may vary from lab to lab and from time to time for the same parameter for the same patient.

Assays are performed in accordance with standard procedures, The reported results are dependent on individual assay methods / equipment used and quality of specimen received.

This report is not valid for medico legal purposes.

Dr.Shivangi Chauhan M.B.B.S,M.D(Pathology) Consultant Pathologist





# Echocardiography Report

Name:

**Lalit Kumar** 

Age/Sex: Yrs/M

Date:

16.09.2024

Summary of 2D echo

## Baseline echocardiography revealed:

- No chamber enlargement seen.
- No RWMA.
- LVEF 62%
- Normal Diastolic function (E>A)
- Good RV function
- No MR
- Trace TR
- No thrombus detected.
- No Pericardial effusion seen.
- IVC shows normal inspiratory collapse

#### Observations:-Dimensions

LVID d=	46.4	(35-55mm)
LV IVS=	8.4	(06-11mm)
Pwd =		(06-11mm)
Ao =	20	(20-37mm)
LA =	30.8	(21-37mm)
LVEF =	62%	(55 +6.2%)

## Apollo One (Unit of Apollo Health and Lifestyle Ltd )

Plot no. 3, Block no. 34, Pusa Road, WEA, opposite metro pilar no. 77, Karol Bagh, New Delhi - 110005. Contact Number 011- 40393610 / Helpline No: 1860 500 7788 Emergency: 1066 / Email: ApolloOnePusaRoad@apolloclinic.com

Registered Office: Apollo Health and Lifestyle Limited 7-1-617/A, 615 and 616, Imperial Towers, 7th Floor, Ameerpet, Hyderabad-500038, U85110TG2000PLC115819



## Mitral Valve - Normal

No MR

**Aortic valve- Normal** 

No AR

Tricuspid Valve -

Trace TR

**Pulmonary Valve-Norm** 

No PR

## Impression:

- Normal Chamber dimentions & Valves
- No RWMA
- Normal LV systolic function (EF= 62%)
- Normal Diastolic function
- No PAH

DR. RAJNI SHARMA (DM CARDIOLOGY)
SR. CONSULTANT

Apollo One (Unit of Apollo Health and Lifestyle Ltd )

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Registered Office: Apollo Health and Lifestyle Limited 7-1-617/A, 615 and 616, Imperial Towers, 7th Floor, Ameerpet, Hyderabad-500038, U85110TG2000PLC115819



NAME: LALIT KUMAR DATE: 16.09.2024

REF. BY: - HEALTH CHECKUP

AGE: 33Y /SEX/M<sup>dvanced Diagnostics Powered by Al</sup>

MR. NO: - CAOP.0000001264

S.NO .: - 2446 

# X-RAY CHEST PA VIEW

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

Please correlate clinically and with lab. Investigations

DR. SEEMA PRAJAPATI SENIOR RESIDENT **RADIODAIGNOSIS** 

Note: It is only a professional opinion. Kindly correlate clinically.

Apollo One (Unit of Apollo Health and Lifestyle Ltd )

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