

Mr. Anoop kumar

35yrs / M

NO H/O - T2DM / HTN

H/O - Renal calculi

NO H/O - Addictions

Adv

- Lifestyle modifications

Dr. Dathheech

**APOLLO SPECIALTY HOSPITALS PRIVATE LIMITED**

(Formerly known as Nova Specialty Hospitals Private Limited)

CIN: U85100KA2009PTC049961

Apollo Spectra Hospitals  
Plot No. 3, Block No. 34, Pusa Road,  
WEA, Karol Bagh, New Delhi-110005

Ph.: 011-49407700, 8448702877  
www.apollospectra.com

**Registered Address**

#7-1-617/A, 615 & 616 Imperial Towers,  
7th Floor, Opp. Ameerpet Metro Station,  
Ameerpet, Hyderabad-500038, Telangana.

**Apollo One**

**Eye Checkup**

**NAME:-** MR. ANOOP KUMAR

**Age:-** 35

**Date:** 19/3/24

**SELF / CORPORATE:-**

	Right Eye	Left Eye
Distant Vision	-1.00 SPH	-1.00 SPH
Near vision	6/6	6/6
Color vision		
Fundus examination		
Intraocular pressure		
Slit lamp exam		

Address: Apollo One  
Plot No. 3, Block No. 34,  
Pusa Road, New Delhi – 110005  
Ph. No. 011-40393610

Signature 



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7th Floor, Opp. Ameerpet Metro Station,  
Ameerpet, Hyderabad-500038. Telangana.

आयकर विभाग  
INCOME TAX DEPARTMENT  
ANOOP KUMAR  
LAXMI NARAIN  
01/03/1989  
Permanent Account Number  
CRQPK2976L  
Signature  
भारत सरकार  
GOVT. OF INDIA  
20102012

भारत सरकार  
Government of India  
Anoop Kumar  
Date of Birth/DOB: 01/03/1989  
Male/ MALE  
9688 9161 0821  
मेरा आधार, मेरी पहचान

आधार  
भारतीय विशिष्ट पहचान अधिकरण  
Unique Identification Authority of India  
Address:  
S/O Laxminarain, NEAR 77 NO.  
RAILWAY PHATAK, WARD NO. 05,  
BEHIND VARDAS SMART SCHOOL,  
Neem-Ka-Thana, Sikar,  
Rajasthan - 332713  
9688 9161 0821  
www.uidai.gov.in



ID caop0000000042	Height 156cm	Age 35	Gender Male	Test Date / Time 19.03.2024. 09:42
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## Body Composition Analysis

	Values	Total Body Water	Soft Lean Mass	Fat Free Mass	Weight
Total Body Water (L)	28.3 (30.1~36.7)	28.3	36.5 (38.7~47.3)	38.6 (41.0~50.1)	57.7 (45.5~61.5)
Protein (kg)	7.7 (8.1~9.9)	NON-OSSIOUS			
Minerals (kg)	2.57 (2.78~3.40)				
Body Fat Mass (kg)	19.1 (6.4~12.9)				

## Muscle-Fat Analysis

	Under	Normal	Over
Weight (kg)	55 70 85 100	115 130 145 160 175 190 205	%
SMM (kg)	70 80 90 100	110 120 130 140 150 160 170	%
Body Fat Mass (kg)	40 60 80 100	160 220 280 340 400 460 520	%

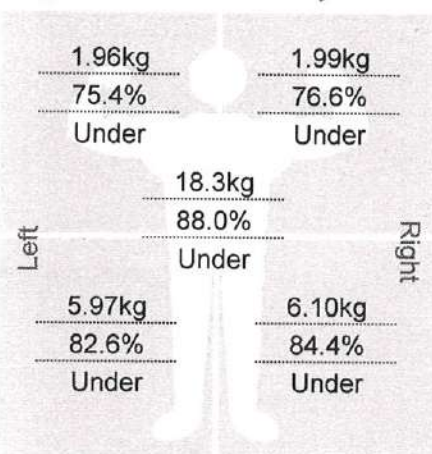
57.7, 21.3, 19.1

## Obesity Analysis

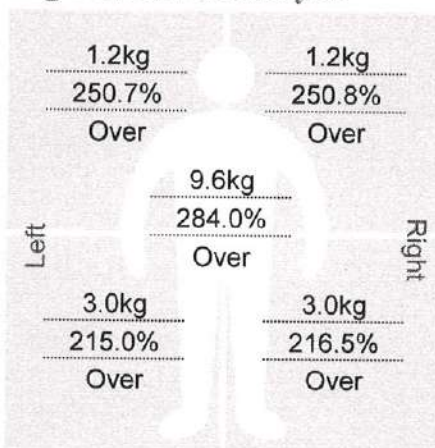
	Under	Normal	Over
BMI (kg/m <sup>2</sup> )	10.0 15.0 18.5 22.0	25.0 30.0 35.0 40.0 45.0 50.0 55.0	
PBF (%)	0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0		

23.7, 33.1

## Segmental Lean Analysis



## Segmental Fat Analysis



\* Segmental fat is estimated.

## Body Composition History

	19.03.24. 09:42
Weight (kg)	57.7
SMM (kg)	21.3
PBF (%)	33.1

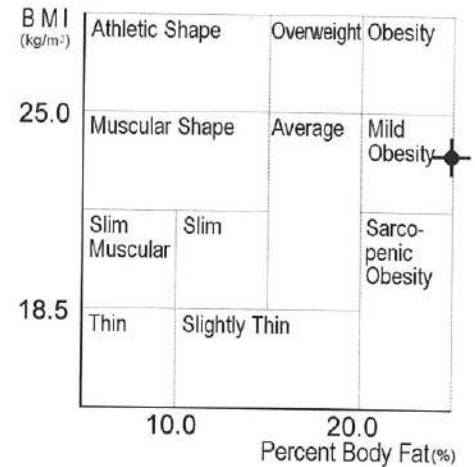
Recent  Total

## InBody Score

62/100 Points

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

## Body Type



## Weight Control

Target Weight	53.6 kg
Weight Control	- 4.1 kg
Fat Control	- 11.0 kg
Muscle Control	+ 6.9 kg

## Obesity Evaluation

BMI	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Under	<input type="checkbox"/> Slightly Over	<input type="checkbox"/> Over
PBF	<input type="checkbox"/> Normal	<input type="checkbox"/> Slightly Over	<input checked="" type="checkbox"/> Over	

## Body Balance Evaluation

Upper	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Lower	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Upper-Lower	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced

## Research Parameters

Basal Metabolic Rate	1204 kcal	( 1323~1535 )
Waist-Hip Ratio	0.88	( 0.80~0.90 )
Visceral Fat Level	8	( 1~9 )
Obesity Degree	108 %	( 90~110 )
Bone Mineral Content	2.13 kg	( 2.30~2.81 )
SMI	6.6 kg/m <sup>2</sup>	
Recommended calorie intake	1782 kcal	

## Impedance

	RA	LA	TR	RL	LL
Z(Ω) 5kHz	417.6	427.0	33.4	325.0	340.7
50kHz	372.0	381.3	28.9	284.6	297.8
250kHz	331.0	337.9	24.1	249.9	261.8



यूनियन बैंक Union Bank  
of India



नाम : अनूप कुमार

Name : Anoop Kumar

कर्मचारी क्र./Employee No. : 672996

जन्म तिथि/Birth Date : 01-03-1989

रक्त गुण/Blood Group: - -

हस्ताक्षर / Signature

कार्य करने का स्थान : क्षेत्रीय कार्यालय दिल्ली (उत्तर)  
Place of Issue : Ro Delhi (North)

कार्य करने की तारीख : १९/अगस्त/२०२०  
Date of Issue : 19-08-2020

कार्यपालक अधिकारी / Issuing Authority



## Bh - Subhash Nagar [Union Bank Of India]

**From:** ANOOP KUMAR <anoop131989@gmail.com>  
**Sent:** 18 March 2024 13:08  
**To:** Bh - Subhash Nagar [Union Bank Of India]  
**Subject:** Fwd: Your appointment is confirmed

You don't often get email from anoop131989@gmail.com. [Learn why this is important](#)

कृपया सावधानी बरतें एवं ध्यान दें: यह ई-मेल बाहर से प्राप्त हुई है. कृपया प्रेषक के ई-मेल पते को पूर्ण रूप से जाँचे (केवल प्रेषक का नाम ही नहीं). प्रेषक की पहचान किए बिना लिंक पर क्लिक न करें एवं संलग्न को न खोले और पहचाने की दी गई सामग्री सुरक्षित है अथवा नहीं. संदिग्ध मेल के संबंध में, कृपया [antiphishing\[Dot\]ciso\[At the rate\]unionbankofindia\[Dot\]bank](#) पर रिपोर्ट करें

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----- Forwarded message -----

**From:** <noreply@apolloclinics.info>  
**Date:** Mon, Mar 18, 2024, 12:18 PM  
**Subject:** Your appointment is confirmed  
**To:** <anoop131989@gmail.com>  
**Cc:** <apolloonepusaroad@apolloclinic.com>



**Dear ANOOP,**

Greetings from Apollo Clinics,

Your corporate health check appointment is confirmed at **Apollo one pusa road clinic** on 2024-03-19 at **09:15-09:30**.

Payment Mode	
Corporate Name	<b>ARCOFEMI HEALTHCARE LIMITED</b>
Agreement Name	<b>[ARCOFEMI MEDIWHEEL MALE AHC CREDIT PAN INDIA OP AGREEMENT]</b>

Package Name

[ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324]

"Kindly carry with you relevant documents such as HR issued authorization letter and or appointment confirmation mail and or valid government ID proof and or company ID card and or voucher as per our agreement with your company or sponsor."

Note: Video recording or taking photos inside the clinic premises or during camps is not allowed and would attract legal consequences.

Note: Also once appointment is booked, based on availability of doctors at clinics tests will happen, any pending test will happen based on doctor availability and clinics will be updating the same to customers.

**Instructions to be followed for a health check:**

1. Please ensure you are on complete fasting for 10-To-12-Hours prior to check.
2. During fasting time do not take any kind of alcohol, cigarettes, tobacco or any other liquids (except Water) in the morning. If any medications taken, pls inform our staff before health check.
3. Please bring all your medical prescriptions and previous health medical records with you.
4. Kindly inform our staff, if you have a history of diabetes and cardiac problems.

**For Women:**

1. Pregnant women or those suspecting are advised not to undergo any X-Ray test.
2. It is advisable not to undergo any health check during menstrual cycle.

For further assistance, please call us on our Help Line #: 1860 500 7788.

Clinic Address: null.

Contact No: NA.

P.S: Health Check-Up may take 4 - 5hrs for completion on week days & 5 - 6hrs on Saturdays, kindly plan accordingly, Doctor Consultation will be completed after all the Reports are ready.

Warm Regards,  
Apollo Clinic

## Bh - Subhash Nagar [Union Bank Of India]

**From:** ANOOP KUMAR <anoop131989@gmail.com>  
**Sent:** 18 March 2024 13:08  
**To:** Bh - Subhash Nagar [Union Bank Of India]  
**Subject:** Fwd: Health Check up Booking Confirmed Request(UBOIE4380),Package Code-PKG10000361, Beneficiary Code-309851

You don't often get email from anoop131989@gmail.com. [Learn why this is important](#)

कृपया सावधानी बरतें एवं ध्यान दें: यह ई-मेल बाहर से प्राप्त हुई है. कृपया प्रेषक के ई-मेल पते को पूर्ण रूप से जाँचें (केवल प्रेषक का नाम ही नहीं). प्रेषक की पहचान किए बिना लिंक पर क्लिक न करें एवं संलग्न को न खोले और पहचाने की दी गई सामग्री सुरक्षित है अथवा नहीं. संदिग्ध मेल के संबंध में, कृपया [antiphishing\[Dot\]ciso\[At the rate\]unionbankofindia\[Dot\]bank](mailto:antiphishing[Dot]ciso[At the rate]unionbankofindia[Dot]bank) पर रिपोर्ट करें

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----- Forwarded message -----

**From:** Mediwheel <wellness@mediwheel.in>

**Date:** Mon, Mar 18, 2024, 12:18 PM

**Subject:** Health Check up Booking Confirmed Request(UBOIE4380),Package Code-PKG10000361, Beneficiary Code-309851

**To:** <anoop131989@gmail.com>

**Cc:** <customercare@mediwheel.in>



011-41195959

Dear ANOOP KUMAR,

We are pleased to confirm your health checkup booking request with the following details.

**Hospital Package**

**Name** : Mediwheel Full Body Standard Plus

**Patient Package Name** : MediWheel Full Body Health Checkup Male 35 to 40

**Name of Diagnostic/Hospital** : Apollo One-karol bagh

**Address of Diagnostic/Hospital** : Apollo One, Pusa Road, Plot No.3, Block No:34, Metro Pillar Number:77, Karolbagh, New Delhi-110005

**City** : Delhi

**State** :



**Pincode** : 110005  
**Appointment Date** : 19-03-2024  
**Confirmation Status** : Booking Confirmed  
**Preferred Time** : 8:30am  
**Booking Status** : Booking Confirmed

Member Information		
Booked Member Name	Age	Gender
ANOOP KUMAR	35 year	Male

**Note - Please note to not pay any amount at the center.**

**Instructions to undergo Health Check:**

- Please ensure you are on complete fasting for 10-To-12-Hours prior to check.
- During fasting time do not take any kind of medication, alcohol, cigarettes, tobacco or any other liquids (except Water) in the morning.
- Bring urine sample in a container if possible (containers are available at the Health Check centre).
- Please bring all your medical prescriptions and previous health medical records with you.
- Kindly inform the health check reception in case if you have a history of diabetes and cardiac problems.

**For Women:**

- Pregnant Women or those suspecting are advised not to undergo any X-Ray test.
- It is advisable not to undergo any Health Check during menstrual cycle.

Request you to reach half an hour before the scheduled time.

In case of further assistance, Please reach out to Team Mediwheel.

Thanks,  
Mediwheel Team

Please Download Mediwheel App



You have received this mail because your e-mail ID is registered with Arcofemi Healthcare Limited. This is a system-generated e-mail please don't reply to this message.

Please visit to our [Terms & Conditions](#) for more information. [Click here](#) to unsubscribe.





Health checkup at tie-up Ctr

HealthCheckup Authorisatn letter



Union Bank of India

RO - NEW DELHI  
FIRST FLOOR, NO.1, MGF  
AUTOMOBILIES LTD, FAIZ ROAD,  
JHANDEWALAN,, NEW DELHI 110005, -  
0

To,

The Chief Medical Officer

M/S Mediwheel  
<https://mediwheel.in/signup011-41195959>(A brand name of  
Arcofemi Healthcare Ltd),  
Mumbai400021

Dear Sir,

**Tie-up arrangement for Health Checkup under Health Checkup 35-40 Male**

Shri/Smt./Kum. ANOOP KUMAR,.

P.F. No. 672996 Designation : Single Window Operator-A

Checkup for Financial Year 2023-2024 **Approved Charges Rs.** 2200.00

The above mentioned staff member of our Branch/Office desires to undergo Health Checkup at your Hospital/Centre/Clinic, under the tie-up arrangement entered into with you, by our bank.

Please send the receipt of the above payment and the relevant reports to our above address.

Thanking you,

  
(Signature of the Employee)

Yours Faithfully  
  
BRANCH MANAGER/SENIOR MANAGER



PS.: Status of the application- Sanctioned

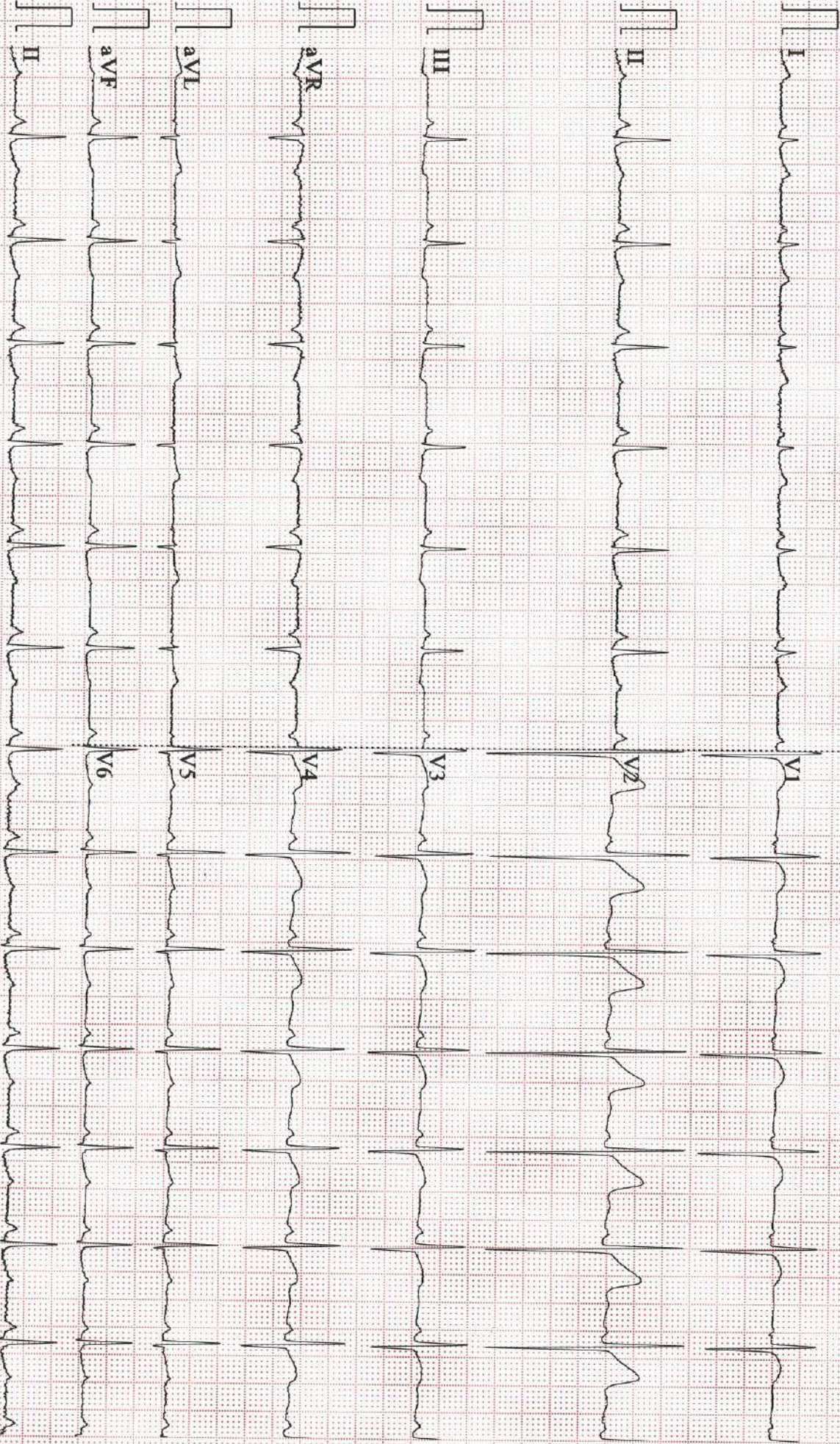


ANOOP  
Male 35Years  
Req. No. :

HR : 82 bpm  
P : 83 ms  
PR : 120 ms  
QRS : 70 ms  
QT/QTcBz : 339/398 ms  
P/QRS/T : 58/71/3 °  
RV5/SV1 : 0.997/1.260 mV

Diagnosis Information:  
Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

Report Confirmed by:



0.67~45Hz AC50 25mm/s 10mm/mV 2\*5.0s+1r V2.23 SEMIP V192 APOLLO SPECTRA HOSPITALS



Patient Name : Mr. Anoop Kumar  
UHID : CAOP.0000000042  
Conducted By: :  
Referred By : SELF

Age : 35 Y/M  
OP Visit No : CAOPOPV47  
Conducted Date :

Patient Name : Mr. Anoop Kumar  
UHID : CAOP.0000000042  
Conducted By :  
Referred By : SELF

Age : 35 Y/M  
OP Visit No : CAOPOPV47  
Conducted Date :

---

Patient Name	: Mr. Anoop Kumar	Age	: 35 Y/M
UHID	: CAOP.0000000042	OP Visit No	: CAOPOPV47
Reported By:	: Dr. RAJNI SHARMA	Conducted Date	: 19-03-2024 09:49
Referred By	: SELF		

---

### **ECG REPORT**

#### **Observation :-**

1. Normal Sinus Rhythm.
2. Heart rate is 82 beats per minutes.
3. No pathological Q wave or S-T,T changes seen.
4. Normal P,Q,R,S,T waves and axis.
5. No evidence of chamber, hypertrophy or enlargement see

#### **Impression:**

NORMAL RESTING ECG.

----- END OF THE REPORT -----

Dr. RAJNI SHARMA





<b>Patient Name</b>	: Mr. Anoop Kumar	<b>Age/Gender</b>	: 35 Y/M
<b>UHID/MR No.</b>	: CAOP.0000000042	<b>OP Visit No</b>	: CAOPOPV47
<b>Sample Collected on</b>	:	<b>Reported on</b>	: 19-03-2024 13:12
<b>LRN#</b>	: RAD2272284	<b>Specimen</b>	:
<b>Ref Doctor</b>	: SELF		
<b>Emp/Auth/TPA ID</b>	: 672996		

---

**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. KAWAL DEEP DHAM**  
**MBBS, DMRD**  
Radiology

Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:23AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 11:43AM
Visit ID : CAOPOPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

**DEPARTMENT OF HAEMATOLOGY**

**PERIPHERAL SMEAR , WHOLE BLOOD EDTA**

RBCs	Predominantly Normocytic Normochromic along with few macrocytes.
WBCs	Are essentially unremarkable. No abnormal cells seen.
Platelets	Adequate in number, verified on smear
	No Hemoparasites seen in smears examined.
Advice	Clinical correlation



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




Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:23AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 11:43AM
Visit ID : CAOPPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

**DEPARTMENT OF HAEMATOLOGY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HEMOGRAM , WHOLE BLOOD EDTA</b>				
<b>HAEMOGLOBIN</b>	13.6	g/dL	13-17	Spectrophotometer
PCV	40.40	%	40-50	Electronic pulse & Calculation
RBC COUNT	<b>3.9</b>	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	<b>104</b>	fL	83-101	Calculated
MCH	<b>34.8</b>	pg	27-32	Calculated
MCHC	33.6	g/dL	31.5-34.5	Calculated
R.D.W	<b>17.9</b>	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,200	cells/cu.mm	4000-10000	Electrical Impedance
<b>DIFFERENTIAL LEUCOCYTIC COUNT (DLC)</b>				
NEUTROPHILS	50	%	40-80	Electrical Impedance
LYMPHOCYTES	<b>42</b>	%	20-40	Electrical Impedance
EOSINOPHILS	03	%	1-6	Electrical Impedance
MONOCYTES	04	%	2-10	Electrical Impedance
BASOPHILS	01	%	<1-2	Electrical Impedance
<b>ABSOLUTE LEUCOCYTE COUNT</b>				
NEUTROPHILS	3600	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	<b>3024</b>	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	216	Cells/cu.mm	20-500	Calculated
MONOCYTES	288	Cells/cu.mm	200-1000	Calculated
BASOPHILS	72	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	1.19		0.78- 3.53	Calculated
<b>PLATELET COUNT</b>	173000	cells/cu.mm	150000-410000	Electrical impedance
<b>ERYTHROCYTE SEDIMENTATION RATE (ESR)</b>	12	mm at the end of 1 hour	0-15	Modified Westergren
<b>PERIPHERAL SMEAR</b>				

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



Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:23AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 11:21AM
Visit ID : CAOPOPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

**DEPARTMENT OF HAEMATOLOGY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA</b>				
BLOOD GROUP TYPE	O			Gel agglutination
Rh TYPE	POSITIVE			Gel agglutination




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

Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 11:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 12:10PM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 12:38PM
Visit ID : CAOPOPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

**DEPARTMENT OF BIOCHEMISTRY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>GLUCOSE, FASTING , NAF PLASMA</b>	99	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:**


- 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
<b>GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)</b>	126	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 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.

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





Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 11:32AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 01:00PM
Visit ID : CAOPOPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

**DEPARTMENT OF BIOCHEMISTRY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA</b>				
HBA1C, GLYCATED HEMOGLOBIN	5.3	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	105	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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Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:37AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:38AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 10:05AM
Visit ID : CAOPOPV47	Status : Final Report
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**DEPARTMENT OF BIOCHEMISTRY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIPID PROFILE , SERUM</b>				
TOTAL CHOLESTEROL	197	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	189	mg/dL	<150	
HDL CHOLESTEROL	39	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	158	mg/dL	<130	Calculated
LDL CHOLESTEROL	120.2	mg/dL	<100	Calculated
VLDL CHOLESTEROL	37.8	mg/dL	<30	Calculated
CHOL / HDL RATIO	5.05		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	0.33		<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
ATHEROGENIC INDEX(AIP)	<0.11	0.12 – 0.20	>0.21	

**Note:**

- 1) Measurements in the same patient on different days can show physiological and analytical variations.
- 2) NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- 3) Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- 4) Low HDL levels are associated with coronary heart disease due to insufficient HDL being available to participate in reverse



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Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:37AM <i>Expertise. Empowering you.</i>
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:38AM
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**DEPARTMENT OF BIOCHEMISTRY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**


cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.

5) 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.

6) VLDL, LDL Cholesterol Non-HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 400 mg/dl. When Triglycerides are more than 400 mg/dl LDL cholesterol is a direct measurement.

7) Triglycerides and HDL-cholesterol in Atherogenic index (AIP) reflect the balance between the atherogenic and protective lipoproteins. Clinical studies have shown that AIP (log (TG/HDL) & values used are in mmol/L) predicts cardiovascular risk and a useful measure of response to treatment (pharmacological intervention).



  
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DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIVER FUNCTION TEST (LFT) , SERUM</b>				
BILIRUBIN, TOTAL	0.50	mg/dL	0.1-1.2	Azobilirubin
BILIRUBIN CONJUGATED (DIRECT)	0.10	mg/dL	0.1-0.4	DIAZO DYE
BILIRUBIN (INDIRECT)	0.40	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	31	U/L	4-44	JSCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	26.0	U/L	8-38	JSCC
ALKALINE PHOSPHATASE	<b>135.00</b>	U/L	32-111	IFCC
PROTEIN, TOTAL	8.20	g/dL	6.7-8.3	BIURET
ALBUMIN	4.30	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	<b>3.90</b>	g/dL	2.0-3.5	Calculated
A/G RATIO	1.1		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.
- 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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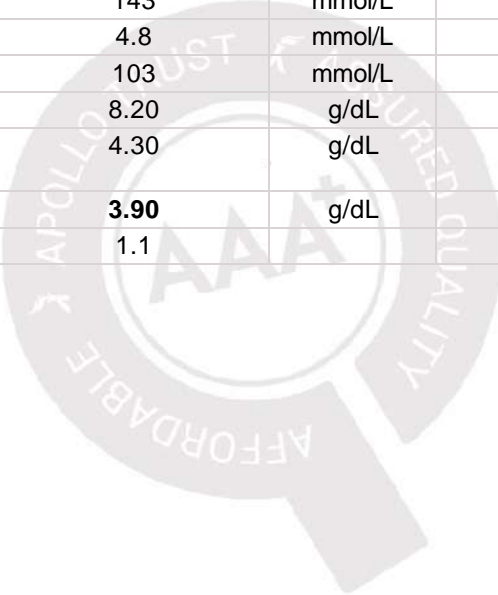


Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:37AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:38AM
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Emp/Auth/TPA ID : 672996	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM</b>				
CREATININE	0.69	mg/dL	0.6-1.1	ENZYMATIC METHOD
UREA	18.80	mg/dL	17-48	Urease
BLOOD UREA NITROGEN	8.8	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.40	mg/dL	4.0-7.0	URICASE
CALCIUM	9.20	mg/dL	8.4-10.2	CPC
PHOSPHORUS, INORGANIC	3.20	mg/dL	2.6-4.4	PNP-XOD
SODIUM	143	mmol/L	135-145	Direct ISE
POTASSIUM	4.8	mmol/L	3.5-5.1	Direct ISE
CHLORIDE	103	mmol/L	98-107	Direct ISE
PROTEIN, TOTAL	8.20	g/dL	6.7-8.3	BIURET
ALBUMIN	4.30	g/dL	3.8-5.0	BROMOCRESOL GREEN
GLOBULIN	<b>3.90</b>	g/dL	2.0-3.5	Calculated
A/G RATIO	1.1		0.9-2.0	Calculated




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**DEPARTMENT OF BIOCHEMISTRY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM</b>	16.00	U/L	16-73	Glycylglycine Kinetic method




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Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 11:50AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 12:34PM
Visit ID : CAOPPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

**DEPARTMENT OF IMMUNOLOGY**

**ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324**

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM</b>				
TRI-IODOTHYRONINE (T3, TOTAL)	1.21	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	11.07	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	2.480	µIU/mL	0.34-5.60	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

- 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.
- 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.
- 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.
- 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
High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma



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Patient Name : Mr.ANOOP KUMAR	Collected : 19/Mar/2024 08:36AM
Age/Gender : 35 Y 0 M 18 D/M	Received : 19/Mar/2024 09:44AM
UHID/MR No : CAOP.0000000042	Reported : 19/Mar/2024 10:50AM
Visit ID : CAOPOPV47	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 672996	

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>COMPLETE URINE EXAMINATION (CUE) , URINE</b>				
<b>PHYSICAL EXAMINATION</b>				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	CLEAR		CLEAR	Visual
pH	6.0		5-7.5	Bromothymol Blue
SP. GRAVITY	1.030		1.002-1.030	Dipstick
<b>BIOCHEMICAL EXAMINATION</b>				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GOD-POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	NITROPRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	EHRlich
BLOOD	NEGATIVE		NEGATIVE	Dipstick
NITRITE	NEGATIVE		NEGATIVE	Dipstick
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	PYRROLE HYDROLYSIS
<b>CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY</b>				
PUS CELLS	1-2	/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

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



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