

CANN-238456  
OC2-100240

 **இந்திய அரசாங்கம்**  
**Government of India**  
க அன்புக்குமார்  
**G Anbukumar**  
தந்தை : ரா கணேசன்  
Father : R Ganesan

 பிறந்த நாள் / DOB: 25/04/1988  
ஆண்பால் / Male  
**4006 5132 5969**



எனது ஆதார், எனது அடையாளம்

G. Anbukumar

To,

The Coordinator,  
Mediwheel (Arcofemi Healthcare Limited)  
Helpline number: 011- 41195959

Dear Sir / Madam,

**Sub: Annual Health Checkup for the employees of Bank of Baroda**

This is to inform you that the following spouse of our employee wishes to avail the facility of Cashless Annual Health Checkup provided by you in terms of our agreement.

PARTICULARS OF HEALTH CHECK UP BENEFICIARY	
NAME	ANBUKKUMAR G
DATE OF BIRTH	25-04-1988
PROPOSED DATE OF HEALTH CHECKUP FOR EMPLOYEE SPOUSE	24-02-2024
BOOKING REFERENCE NO.	23M163871100092386S
SPOUSE DETAILS	
EMPLOYEE NAME	MS. K VIMALA
EMPLOYEE EC NO.	163871
EMPLOYEE DESIGNATION	SINGLE WINDOW OPERATOR A
EMPLOYEE PLACE OF WORK	CHENNAI,ANNANAGAR
EMPLOYEE BIRTHDATE	24-11-1990

This letter of approval / recommendation is valid if submitted along with copy of the Bank of Baroda employee id card. This approval is valid from **20-02-2024** till **31-03-2024**. The list of medical tests to be conducted is provided in the annexure to this letter. Please note that the said health checkup is a **cashless facility** as per our tie up arrangement. We request you to attend to the health checkup requirement of our employee's spouse and accord your top priority and best resources in this regard. The EC Number and the booking reference number as given in the above table shall be mentioned in the invoice, invariably.

We solicit your co-operation in this regard.

Yours faithfully,

Sd/-

**Chief General Manager**  
**HRM Department**  
**Bank of Baroda**

(Note: This is a computer generated letter. No Signature required. For any clarification, please contact Mediwheel (Arcofemi Healthcare Limited))



MR ANBUKUMAR G

ID: 233456R

24.02.2024 1:14:40 PM

APOLLO MEDICAL CENTER  
ANNA NAGAR  
CHENNAI

Location:

Room:

70 bpm

Order Number:

Visit:

-- / -- mmHg

35 Years

Male

Technician:  
Ordering Ph:  
Referring Ph:  
Attending Ph:

Indication:

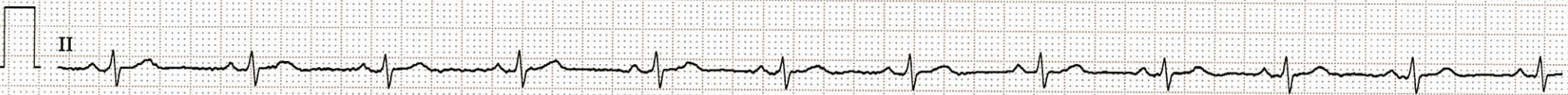
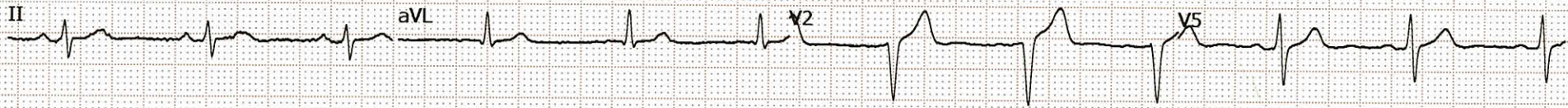
Medication 1:

Medication 2:

Medication 3:

QRS : 92 ms  
QT / QTcBaz : 356 / 384 ms  
PR : 152 ms  
P : 90 ms  
RR / PP : 862 / 857 ms  
P / QRS / T : 61 / -31 / 18 degrees

*Handwritten signature*



*Handwritten signature: G. A. E.*

Unconfirmed



Name: Abul Kaman. G.  
 Occupation: .....  
 Age: 35 Sex: Male  Female   
 Address: .....  
 Ph: .....

Date: 24/2/24 Reg. No: 238456  
 Ref. Physician: .....  
 Copies to: .....

**REPORT ON OPHTHALMIC EXAMINATION**

History:

*Nice*

Present Complaint:

*Nice*

**ON EXAMINATION:**

**RE**

**LE**

Ocular Movements :

Anterior Segment :

*Free*

*Free*

Intra-Ocular-Pressure :

Visual Acuity: D.V. :

Without Glass :

*N*

*N*

With Glass :

N.V. :

*6/6 P*

*6/6 P*

Visual Fields :

Fundus :

*Nb*

*Nb*

Impression :

Advice :

*Free*

*Free*

Colour Vision :

*N*

*N*

MR. ANBUKUMAR. G

35/M

04/02/2024

Height:	Weight:	BMI:	Waist Circum:
Temp:	Pulse:	Resp:	B.P:

General Examination / Allergies  
History

Rx Plan

→ Adv Scaling

→ Adv Braces / Aligners.

↓  
Dr. Sanjane

Follow up date:

Doctor Signature & Stamp

Convenient & reliable. Complete diagnostic services for the entire family. All under one roof.



ENT check up

Anbukumar

35/M

24/2/24

Height:	Weight:	BMI:	Waist Circum:
Temp:	Pulse:	Resp:	B.P:

General Examination / Allergies  
History

No complaints

O/E Wax @ Ear



Follow up date:

Doctor Signature & Stamp

Convenient & reliable. Complete diagnostic services for the entire family. All under one roof.

In case of emergency, Please call 1066 or come directly to emergency room of the hospital

**Apollo Health and Lifestyle Limited**

To book an appointment

 **1860 500 7788**

Patient Name	: Mr. ANBUKUMAR G	Age	: 35 Y/M
UHID	: CANN.0000233456	OP Visit No	: CANNOPV393135
Reported By:	: Dr. ARULNITHI AYYANATHAN	Conducted Date	: 24-02-2024 17:34
Referred By	: SELF		

---

### **ECG REPORT**

#### **Observation :-**

1. Normal Sinus Rhythm.
2. Heart rate is 70 beats per minutes.

#### **Impression:**

NORMAL RESTING ECG.

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

Dr. ARULNITHI AYYANATHAN

Patient Name : Mr. ANBUKUMAR G Age : 35 Y/M  
UHID : CANN.0000233456 OP Visit No : CANNOPV393135  
Conducted By: : Dr. RAKESH P GOPAL Conducted Date : 24-02-2024 14:41  
Referred By : SELF

---

## **2D-ECHO WITH COLOUR DOPPLER**

### Dimensions:

Ao (ed)	3.3CM
LA (es)	3.7CM
LVID (ed)	4.5CM
LVID (es)	3.6CM
IVS (Ed)	0.8CM
LVPW (Ed)	0.9CM
EF	65%
%FD	35%
MITRAL VALVE :	NORMAL
AML	NORMAL
PML	NORMAL
AORTIC VALVE	NORMAL
TRICUSPID VALVE	NORMAL
PULMONARY VALVE	NORMAL
RIGHT VENTRICLE	NORMAL
INTER ATRIAL SEPTUM	INTACT
INTER VENTRICULAR SEPTUM	INTACT
PULMONARY ARTERY	NORMAL
AORTA	NORMAL
RIGHT ATRIUM	NORMAL
LEFT ATRIUM	NORMAL
LEFT VENTRICLE	NORMAL
PERICARDIUM	NORMAL



Patient Name	: Mr. ANBUKUMAR G	Age	: 35 Y/M
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---

**DOPPLER STUDIES MITRAL INFLOW :**

E : 0.7m/sc A: 0.5m/sc

Velocity / Gradient Across Pulmonic Valve : 0.8m/sc

Velocity / Gradient Across Aortic Valve 0.7m/sc

**IMPRESSION :**

NO RWMA

NORMAL LEFT VENTRICULAR FUNCTION(EF - 65%)

NORMAL CARDIAC CHAMBERS & VALVES

TRIVIAL TRICUSPID REGURGITATION

NO PAH / CLOT / PE .

Dr.  
RAKESH P  
GOPAL

Patient Name : Mr. ANBUKUMAR G  
UHID : CANN.0000233456  
Conducted By: : Dr. RAKESH P GOPAL  
Referred By : SELF

Age : 35 Y/M  
OP Visit No : CANNOPV393135  
Conducted Date : 24-02-2024 14:41

---



<b>Patient Name</b>	: Mr. ANBUKUMAR G	<b>Age/Gender</b>	: 35 Y/M
<b>UHID/MR No.</b>	: CANN.0000233456	<b>OP Visit No</b>	: CANNOPV393135
<b>Sample Collected on</b>	:	<b>Reported on</b>	: 24-02-2024 18:48
<b>LRN#</b>	: RAD2247343	<b>Specimen</b>	:
<b>Ref Doctor</b>	: SELF		
<b>Emp/Auth/TPA ID</b>	: bobS10446		

## DEPARTMENT OF RADIOLOGY

### ULTRASOUND - WHOLE ABDOMEN

Liver is mildly enlarged in size (liver span ~15.6cm ) and shows fatty changes (Grade -I )  
Intra and extra hepatic biliary passages are not dilated.

Gall bladder appears normal with no evidence of calculus.Wall thickness appear normal.

Pancreas and spleen appear normal.Spleen measures 9.3 cms.

Portal and splenic veins appear normal.No evidence of ascites or lymphadenopathy.

Diaphragmatic movements are satisfactory.

There is no evidence of sub diaphragmatic pathology or pleural effusion.

Right kidney measures 10.5 x 4.3 cms.

Left kidney measures 9.9 x 5.0 cms.

Both kidneys show normal echopattern with no evidence of calculi or calyceal dilatation.

Prostate measures 3.1 x 3.5 x 4.3 cms volume25cc and shows normal echopattern.

Seminal vesicles appear normal.

Bladder is normal in contour.

**IMPRESSION:**

**\*GRADE -I FATTY LIVER WITH HEPATOMEGALY**



**Patient Name** : Mr. ANBUKUMAR G

**Age/Gender** : 35 Y/M

---

**Dr. ASHIQ MOHAMMED JEFFREY**

MD

Radiology



**Patient Name** : Mr. ANBUKUMAR G

**Age/Gender** : 35 Y/M

**UHID/MR No.** : CANN.0000233456

**OP Visit No** : CANNOPV393135

**Sample Collected on** :

**Reported on** : 24-02-2024 15:17

**LRN#** : RAD2247343

**Specimen** :

**Ref Doctor** : SELF

**Emp/Auth/TPA ID** : bobS10446

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**DEPARTMENT OF RADIOLOGY**

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**X-RAY CHEST PA**

Lung fields are clear.

Cardio thoracic ratio is normal.

Apices, costo and cardiophrenic angles are free.

Cardio vascular shadow and hila show no abnormal feature.

Bony thorax shows no significant abnormality.

Domes of diaphragm are well delineated.

**IMPRESSION:**

**\*NO SIGNIFICANT ABNORMALITY DETECTED.**

**Dr. PRAVEENA SHEKAR T**  
MBBS, DMRD, FAGE  
Radiology

Patient Name : Mr.ANBUKUMAR G	Collected : 24/Feb/2024 10:47AM
Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 02:38PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 06:26PM
Visit ID : CANNOPV/393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF HAEMATOLOGY**

**PERIPHERAL SMEAR , WHOLE BLOOD EDTA**

METHODOLOGY	: Microscopic.
RBC MORPHOLOGY	: Predominantly normocytic normochromic RBC's noted.
WBC MORPHOLOGY	: Normal in number, morphology and distribution. No abnormal cells seen.
PLATELETS	: Adequate in number.
PARASITES	: No haemoparasites seen.
IMPRESSION	: Normocytic normochromic blood picture.
NOTE/ COMMENT	: Please correlate clinically.



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

SIN No:BED240048875

This test has been performed at Apollo Health and Lifestyle Ltd - Chennai, Diagnostics Laboratory.  
This test has been performed at Apollo Health and Lifestyle Ltd - RRL ASHOK NAGAR

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Phone - 044-26224504 / 05



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

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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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**DEPARTMENT OF HAEMATOLOGY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HEMOGRAM , WHOLE BLOOD EDTA</b>				
<b>HAEMOGLOBIN</b>	14.6	g/dL	13-17	Spectrophotometer
PCV	44.10	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.16	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	85.3	fL	83-101	Calculated
MCH	28.2	pg	27-32	Calculated
MCHC	33	g/dL	31.5-34.5	Calculated
R.D.W	13.9	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	9,600	cells/cu.mm	4000-10000	Electrical Impedance
<b>DIFFERENTIAL LEUCOCYTIC COUNT (DLC)</b>				
NEUTROPHILS	63.5	%	40-80	Electrical Impedance
LYMPHOCYTES	26.7	%	20-40	Electrical Impedance
EOSINOPHILS	2.8	%	1-6	Electrical Impedance
MONOCYTES	6.5	%	2-10	Electrical Impedance
BASOPHILS	0.5	%	<1-2	Electrical Impedance
<b>ABSOLUTE LEUCOCYTE COUNT</b>				
NEUTROPHILS	6096	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2563.2	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	268.8	Cells/cu.mm	20-500	Calculated
MONOCYTES	624	Cells/cu.mm	200-1000	Calculated
BASOPHILS	48	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	2.38		0.78- 3.53	Calculated
<b>PLATELET COUNT</b>	323000	cells/cu.mm	150000-410000	Electrical impedance
<b>ERYTHROCYTE SEDIMENTATION RATE (ESR)</b>	6	mm at the end of 1 hour	0-15	Modified Westergren
<b>PERIPHERAL SMEAR</b>				

METHODOLOGY : Microscopic.

RBC MORPHOLOGY : Predominantly normocytic normochromic RBC's noted.

Page 2 of 13



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



SIN No:BED240048875

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Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF HAEMATOLOGY**

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

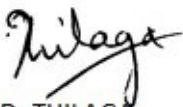
**WBC MORPHOLOGY** : Normal in number, morphology and distribution. No abnormal cells seen.

**PLATELETS** : Adequate in number.

**PARASITES** : No haemoparasites seen.

**IMPRESSION** : Normocytic normochromic blood picture.

**NOTE/ COMMENT** : Please correlate clinically.



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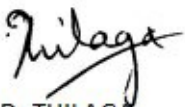
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UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 07:25PM
Visit ID : CANNOPV/393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF HAEMATOLOGY**

**ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - 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	A			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination

PLEASE NOTE THIS SAMPLE HAS BEEN TESTED ONLY FOR ABO MAJOR GROUPING AND ANTI D ONLY.



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Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 06:23PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 07:22PM
Visit ID : CANNOPV393135	Status : Final Report
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Emp/Auth/TPA ID : bobS10446	

**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	115	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  $>$  or  $=$  126 mg/dL and/or a random / 2 hr post glucose value of  $>$  or  $=$  200 mg/dL on at least 2 occasions.
- Very high glucose levels ( $>$ 450 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)	188	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.



DR. R. SRIVATSAN  
M.D.(Biochemistry)



SIN No:PLP1423765

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**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)



Patient Name : Mr.ANBUKUMAR G	Collected : 24/Feb/2024 10:47AM
Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 02:39PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 07:09PM
Visit ID : CANNOPV393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA</b>				
HBA1C, GLYCATED HEMOGLOBIN	8.4	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	194	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)



**DR. R. SRIVATSAN**  
M.D.(Biochemistry)



SIN No:EDT240022041

This test has been performed at Apollo Health and Lifestyle Ltd - Chennai, Diagnostics Laboratory.

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Patient Name : Mr.ANBUKKUMAR G	Collected : 24/Feb/2024 10:47AM
Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 04:44PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 11:05PM
Visit ID : CANNOPV393135	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
<b>LIPID PROFILE , SERUM</b>				
TOTAL CHOLESTEROL	<b>227</b>	mg/dL	<200	CHO-POD
TRIGLYCERIDES	137	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	47	mg/dL	40-60	Enzymatic Immuno-inhibition
NON-HDL CHOLESTEROL	<b>180</b>	mg/dL	<130	Calculated
LDL CHOLESTEROL	<b>152.6</b>	mg/dL	<100	Calculated
VLDL CHOLESTEROL	27.4	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.83		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

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 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.



**DR. R. SRIVATSAN**  
M.D.(Biochemistry)



SIN No:SE04640769

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Visit ID : CANNOPV393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIVER FUNCTION TEST (LFT) , SERUM</b>				
BILIRUBIN, TOTAL	0.51	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.10	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.41	mg/dL	0.0-1.1	CALCULATED
ALANINE AMINOTRANSFERASE (ALT/SGPT)	25	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	24.0	U/L	<50	IFCC
ALKALINE PHOSPHATASE	50.00	U/L	30-120	IFCC
PROTEIN, TOTAL	7.10	g/dL	6.6-8.3	Biuret
ALBUMIN	3.60	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	3.50	g/dL	2.0-3.5	Calculated
A/G RATIO	1.03		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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M.D.(Biochemistry)



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Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 04:44PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 11:05PM
Visit ID : CANNOPV393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM</b>				
CREATININE	0.94	mg/dL	0.72 – 1.18	JAFFE METHOD
UREA	<b>10.00</b>	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	<b>4.7</b>	mg/dL	8.0 - 23.0	Calculated
URIC ACID	4.30	mg/dL	3.5–7.2	Uricase PAP
CALCIUM	<b>8.30</b>	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	3.10	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	139	mmol/L	136–146	ISE (Indirect)
POTASSIUM	4.5	mmol/L	3.5–5.1	ISE (Indirect)
CHLORIDE	102	mmol/L	101–109	ISE (Indirect)



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Patient Name : Mr.ANBUKUMAR G	Collected : 24/Feb/2024 10:47AM
Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 04:44PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 11:05PM
Visit ID : CANNOPV393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

**DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM</b>	<b>57.00</b>	U/L	<55	IFCC



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Patient Name : Mr.ANBUKKUMAR G	Collected : 24/Feb/2024 10:47AM
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Visit ID : CANNOPV393135	Status : Final Report
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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
<b>THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM</b>				
TRI-iodothyronine (T3, TOTAL)	<b>0.654</b>	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	9.12	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	1.602	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



**DR. R. SRIVATSAN**  
M.D.(Biochemistry)



SIN No: SPL24032273

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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. Range	Method
<b>COMPLETE URINE EXAMINATION (CUE) , URINE</b>				
<b>PHYSICAL EXAMINATION</b>				
COLOUR	PALE STRAW		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
<b>BIOCHEMICAL EXAMINATION</b>				
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
<b>CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY</b>				
PUS CELLS	2-4	/hpf	0-5	Microscopy
EPITHELIAL CELLS	1-3	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	ABSENT		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

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**DR. R. SRIVATSAN**  
M.D.(Biochemistry)



SIN No:UR2290925

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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)

Patient Name : Mr.ANBUKUMAR G	Collected : 24/Feb/2024 10:47AM
Age/Gender : 35 Y 9 M 29 D/M	Received : 24/Feb/2024 02:41PM
UHID/MR No : CANN.0000233456	Reported : 24/Feb/2024 03:36PM
Visit ID : CANNOPV393135	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : bobS10446	

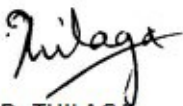
**DEPARTMENT OF CLINICAL PATHOLOGY**

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

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

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

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



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

SIN No:UF010795

This test has been performed at Apollo Health and Lifestyle Ltd - Chennai, Diagnostics Laboratory.  
This test has been performed at Apollo Health and Lifestyle Ltd - RRL ASHOK NAGAR

**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

Address:  
D No.30, F - Block 2nd Avenue, Anna Nagar East, Chennai.600 102,  
Phone - 044-26224504 / 05



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