

T. 41

Name : Mr. MANAS RANJAN

Age: 57 Y

UHID: CVIM.0000236755

Address : PUNE

Sex: M



Plan : ARCOFEMI MEDIWHEEL MALE AHC CREDIT PAN  
INDIA OP AGREEMENT

OP Number: CVIMOPV592319

Bill No : CVIM-OCR-62984

Date : 24.02.2024 09:51

Sno	Service Type/ServiceName	Department
1	ARCOFEMI - MEDIWHEEL - FULL BODY STANDARD PLUS MALE - PAN INDIA - FY2324	
✓ 1	GAMMA GLUTAMYL TRANSFERASE (GGT)	
✓ 2	LIVER FUNCTION TEST (LFT)	
✓ 3	GLUCOSE, FASTING	
✓ 4	HEMOGRAM + PERIPHERAL SMEAR	
✓ 5	COMPLETE URINE EXAMINATION	
✓ 6	PERIPHERAL SMEAR	
7	EKG	
✓ 8	RENAL PROFILE/RENAL FUNCTION TEST (RFT/KFT)	
✓ 9	GLUCOSE, POST PRANDIAL (PP, 2 HOURS (POST MEAL))	
✓ 10	HbA1c, GLYCATED HEMOGLOBIN	
✓ 11	X-RAY CHEST PA	
→ 12	FITNESS BY GENERAL PHYSICIAN (1)	
✓ 13	BLOOD GROUP ABO AND RH FACTOR	
✓ 14	LIPID PROFILE	
15	BODY MASS INDEX (BMI)	
→ 16	OPHTHAL BY GENERAL PHYSICIAN gf	
✓ 17	THYROID PROFILE (TOTAL T3, TOTAL T4, TSH)	

✓ Dental

## CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination

of Manas Ranjan on 24/02/24

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

	Tick
<ul style="list-style-type: none"><li>• Medically Fit</li></ul>	<input type="checkbox"/>
<ul style="list-style-type: none"><li>• Fit with restrictions/recommendations</li></ul> <p>Though following restrictions have been revealed, in my opinion, these are not impediments to the job.</p> <p>1. <u>HBAlc - 67.</u></p> <p>2. <u>↑ LDL</u></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>	<input checked="" type="checkbox"/>
<ul style="list-style-type: none"><li>• Currently Unfit.</li></ul> <p>Review after _____ recommended</p>	<input type="checkbox"/>
<ul style="list-style-type: none"><li>• Unfit</li></ul>	<input type="checkbox"/>

Dr. Archana V.  
Medical Officer  
The Apollo Clinic, (Location)

*This certificate is not meant for medico-legal purposes*

Dr. Archana V. MBBS  
Registration No. 103429

Date : 24-02-2024

Department : GENERAL

MR NO : CVIM.0000236755

Doctor :

Name : Mr. MANAS RANJAN

Registration No :

Age/ Gender : 57 Y / Male

Qualification :

Consultation Timing: 09:51

Height : 185	Weight : 86	BMI : 28	Waist Circum : 108
Temp : 97.5	Pulse : 80	Resp : 20	B.P : 110/80

**General Examination / Allergies History**

**Clinical Diagnosis & Management Plan**

O/E: pt  
 CK - 5120  
 RD - BAE.

P/A - - SJE (A).

CNS -> NEMID-1

Ech. ->  
 BSE  
 LVT  
 Strain

No specific complaints.  
 family H/O -  
 Father - DM. Insulin.

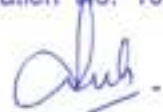
Obse:

Physiotherapy.

LD - ECHO.

Follow up date:

Dr. Archana V. MBBS  
 Registration No. 103429



Doctor Signature

EYE EXAMINATION

DATE: 12/1/19

MOBILE NO: →

NAME:- Mr. Anurag K. Soni

AGE:- 52

CORPORATE:- Arcopark

	Right Eye	Left Eye
Distant vision	<u>6/6</u>	<u>6/6</u>
Near vision	<u>N/6</u>	<u>N/6</u>
Color vision	<u>Normal</u>	<u>Normal</u>
Fundus examination	<u>Normal</u>	<u>Normal</u>
Intraocular pressure	<u>Normal</u>	<u>Normal</u>
Slit lamp exam.	<u>Normal</u>	<u>Normal</u>

Dr. Alavand

Impression – Normal Eye Check Up.

(Ophthalmology)

Dr. Alavand  
The Apollo Clinic  
**DR. M. D. ALAVAND**  
MBBS, DO, MS.  
Consulting Eye Surgeon  
Reg. no.: 36319

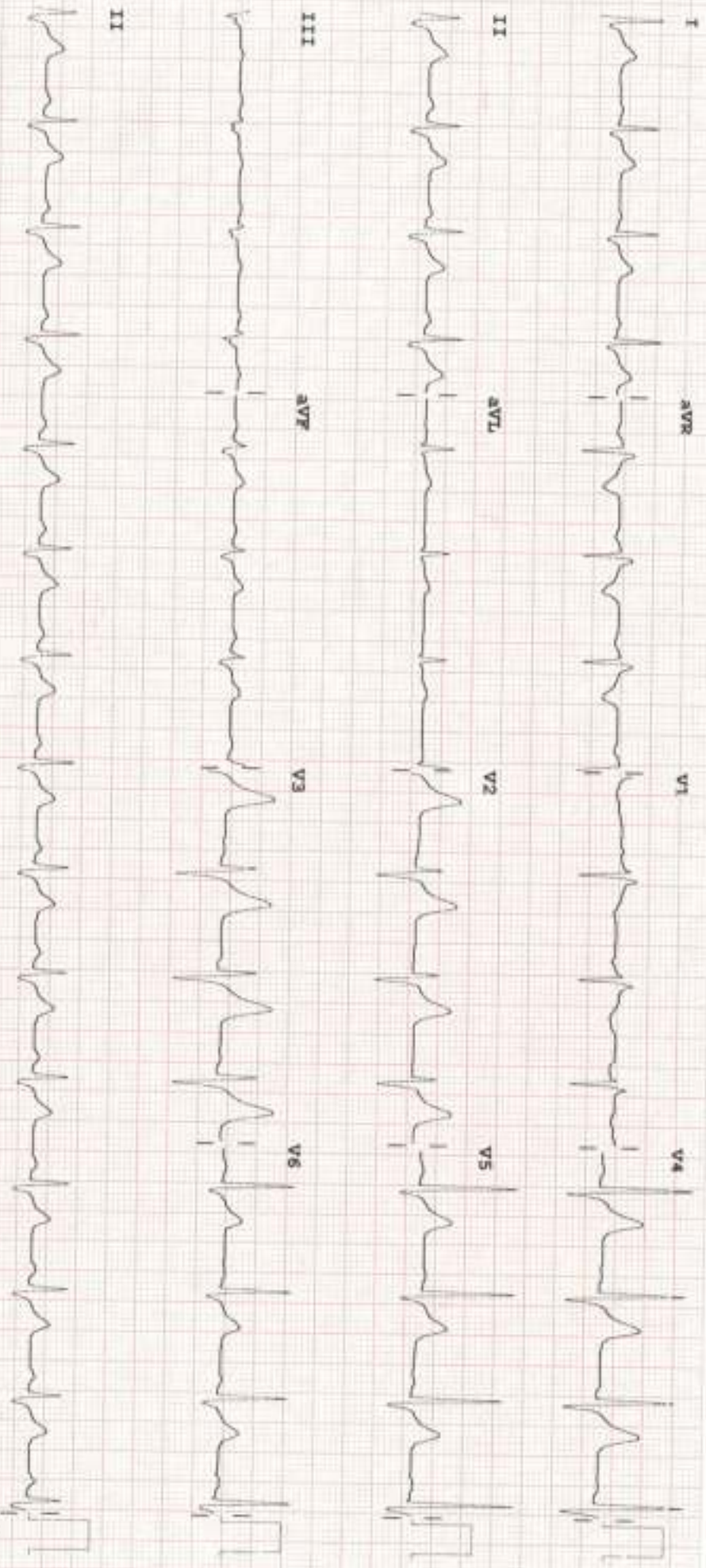




Rate 85 Sinus Rhythm  
 PR 147 RSR' in V1 or V2, right VCD or RVB  
 QRSD 108 ST elevation, consider anterior injury  
 QT 367 Baseline wander in lead(s) V1, V5  
 QTc 437

--AXIS--  
 P 54  
 QRS 1  
 T 39  
 12 Lead: Standard Placement

- ABNORMAL ECG -  
 Unconfirmed Diagnosis



Device:

Speed: 25 mm/sec  
 Lamb: 10 mm/mV  
 Chest: 10.0 mm/mV

PHILIPS

P 50-0.50-40 Hz W

PH100B CL

P7



Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 12:55PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 02:00PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**DEPARTMENT OF HAEMATOLOGY**

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

**PERIPHERAL SMEAR , WHOLE BLOOD EDTA**

RBC's are Normocytic Normochromic,  
WBC's are normal in number and morphology  
Platelets are Adequate  
No Abnormal cells/hemoparasite seen.

DR.Sanjay Ingle  
M.B.B.S,M.D(Pathology)  
Consultant Pathologist

SIN No:BED240048690

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab  
Apollo Health and Lifestyle Limited | CIN - U85110TG2000PLC1158198

Regd. Office: 1-19-60/92, Ashoka Baghapatki Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |  
www.apollohli.com | Email: hli-enquiry@apollohli.com, Ph No: 040-4904 7777, Fax No: 4904 7744

Ryad Milestium Premises, Cooperative Society  
Limited, Shop No.51 & 5th Floor, Building "C",  
Vines Nagar, Pune, Maharashtra, India - 411004





Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 12:55PM
UHID/MR No : CVIM.0000238755	Reported : 24/Feb/2024 02:00PM
Visit ID : CVIMOPV582319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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>				
HAEMOGLOBIN	15.4	g/dL	13-17	Spectrophotometer
PCV	44.90	%	40-50	Electronic pulse & Calculation
RBC COUNT	4.73	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	95.1	fL	83-101	Calculated
MCH	32.6	pg	27-32	Calculated
MCHC	34.3	g/dL	31.5-34.5	Calculated
R.D.W	14.3	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	8,320	cells/cu.mm	4000-10000	Electrical Impedance
<b>DIFFERENTIAL LEUCOCYTIC COUNT (DLC)</b>				
NEUTROPHILS	59.7	%	40-80	Electrical Impedance
LYMPHOCYTES	29.9	%	20-40	Electrical Impedance
EOSINOPHILS	2.3	%	1-6	Electrical Impedance
MONOCYTES	7.8	%	2-10	Electrical Impedance
BASOPHILS	0.3	%	<1-2	Electrical Impedance
<b>ABSOLUTE LEUCOCYTE COUNT</b>				
NEUTROPHILS	4967.04	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2487.68	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	191.36	Cells/cu.mm	20-500	Calculated
MONOCYTES	648.96	Cells/cu.mm	200-1000	Calculated
BASOPHILS	24.96	Cells/cu.mm	0-100	Calculated
Neutrophil lymphocyte ratio (NLR)	2		0.78- 3.53	Calculated
PLATELET COUNT	254000	cells/cu.mm	150000-410000	Electrical impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	5	mm at the end of 1 hour	0-15	Modified Westergren
<b>PERIPHERAL SMEAR</b>				

RBC's are Normocytic Normochromic,  
WBC's are normal in number and morphology  
Platelets are Adequate

Page 2 of 13



DR. Sanjay Ingle  
M.B.B.S., M.D.(Pathology)  
Consultant Pathologist

SIN No: BED240048690

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab  
Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115819)

Regd. Office: 1-19/60/62, Anandha Raghupathi Chaudhary, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |  
www.apollohsl.com | Email ID: enquiry@apollohsl.com, Ph No: 949-6904 7777, Fax No: 9904 7744

Nyad Milhanam Prasthan, Cooperative Society Limited, Shop No.31 & 30th Floor, Building 'C', Vileas Nagar, Pune, Maharashtra, India - 411014



1860 500 7788

www.apolloclinic.com



Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 12:55PM
UHID/MR No : CVIM.0000238755	Reported : 24/Feb/2024 02:00PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**DEPARTMENT OF HAEMATOLOGY**

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

**No Abnormal cells/hemoparasite seen.**



**DR. Sanjay Ingle**  
M.B.B.S., M.D.(Pathology)  
Consultant Pathologist

SIN No: BED240048690

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab

Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115879)  
Regd. Office: 1-18-60/82, Apollo Reghupati Chambers, 3th Floor, Begunpur, Hyderabad, Telangana - 500 016 |  
www.apolloclinic.com | Email: info@apolloclinic.com, Ph No: 040-4904 7777, Fax No: 4904 7744

Ayat Mitlani Pawar, Cooperative Society  
Limited, Shop No. 57 & 58 Floor, Building 'C',  
Vinson Nagar, Pune, Maharashtra, India - 411014







Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 12:55PM
UHID/MR No : CVIM.0000238755	Reported : 24/Feb/2024 02:26PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination

DR. Sanjay Ingle  
M.B.B.S., M.D (Pathology)  
Consultant Pathologist

SIN No: BED240048690

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab  
Apollo Health and Lifestyle Limited | CIN - U85110TG2003PLC175819

Regd Office: 1-18-40N2, Ashoka Rajwade Chawls, 5th Floor, Bagamati, Hyderabad, Telangana - 500 054  
www.apolloh.com | Email ID: enquiry@apolloh.com, Ph No: 040-4904 7777, Fax No: 4904 7744

Nyati Milankam Pradhana, Cooperative Society Limited, Shop No.37 & 38th Floor, Building 'C', Viman Nagar, Pune, Maharashtra, India - 411014



Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 DM	Received : 24/Feb/2024 01:02PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 01:26PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	92	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.



*Sneha Shah*  
Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist

SIN No:PLF02112563

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 12:37PM
Age/Gender : 57 Y 8 M 11 DM	Received : 24/Feb/2024 02:37PM
UHD/MR No : CVIM.0000236755	Reported : 24/Feb/2024 04:40PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	109	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.Sanjay Ingie  
M.B.B.S,M.D(Pathology)  
Consultant Pathologist

SIN No:PLPJ423430

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab  
Apollo Health and Lifestyle Limited (CIN - U05130TG2003PLC115819)

Regd. Office: 1-19-60/62, Ashoka Raghupathi Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 014  
www.apolloh.com | Email: ID: wrajy@apolloh.com, Ph No: 940-4904 7777, Fax No: 4904 7744

Royal Milkmaid Producers, Cooperative Society Limited, Shop No.51 & 5th Floor, Building "C", Vinay Nagar, Pune, Maharashtra, India - 411014





Certificate No: MC-5657

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 12:49PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 02:21PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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	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)

Page 7 of 13

*Sneha Shah*  
Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist  
SIN No:EDT240021940

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab





Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 01:17PM
UHID/MR No : CVIM.0000238755	Reported : 24/Feb/2024 08:10PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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	175	mg/dL	<200	CHO-POD
TRIGLYCERIDES	102	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	41	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	134	mg/dL	<130	Calculated
LDL CHOLESTEROL	113.28	mg/dL	<100	Calculated
VLDL CHOLESTEROL	20.33	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.25		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 400 mg/dL. When Triglycerides are more than 400 mg/dL LDL cholesterol is a direct measurement.

*Sneha Shah*  
Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist

SIN No:SI04640576

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab







Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 01:17PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 06:10PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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	0.60	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.15	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.45	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	36.04	U/L	<50	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	29.9	U/L	<50	IFCC
ALKALINE PHOSPHATASE	88.47	U/L	30-120	IFCC
PROTEIN, TOTAL	7.15	g/dL	6.6-8.3	Biuret
ALBUMIN	4.44	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.71	g/dL	2.0-3.5	Calculated
A/G RATIO	1.64		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.

*Sneha Shah*  
Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist

SIN No:SE04640576

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab







Certificate No: MC-5657

Patient Name : Mr. MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 01:17PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 08:10PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr. SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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	0.71	mg/dL	0.72 - 1.18	Modified Jaffe, Kinetic
UREA	15.79	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	7.4	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.56	mg/dL	3.5-7.2	Uricase PAP
CALCIUM	8.90	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	2.66	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	139.98	mmol/L	136-146	ISE (Indirect)
POTASSIUM	4.5	mmol/L	3.5-5.1	ISE (Indirect)
CHLORIDE	105.08	mmol/L	101-109	ISE (Indirect)



*Sneha Shah*  
Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist

SIN No: SF04640576

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab



Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 D/M	Received : 24/Feb/2024 01:17PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 06:10PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**DEPARTMENT OF BIOCHEMISTRY**

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

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT), SERUM	20.63	U/L	<55	IFCC



*Sneha Shah*  
Dr Sneha Shah  
MBBS, MD (Pathology)  
Consultant Pathologist

SIN No: SED4640576

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab

Certificate No: MC-5657

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 DM	Received : 24/Feb/2024 12:58PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 02:07PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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)	0.84	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	10.72	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	0.851	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. Sanjay Ingole  
M.B.B.S, M.D (Pathology)  
Consultant Pathologist

SIN No: SPL24032143

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab  
Apollo Health and Lifestyle Limited (CIN - U85110TG2000PLC115019)

Head Office: 1-10-68/5L, Azadka Raghupati Chambers, 5th Floor, Begumpet, Hyderabad, Telangana - 500 016 |  
www.apollohsl.com | Email: enquiry@apollohsl.com, Ph No: 9904 7777, Fax No: 9904 7704

Hyd Millenium Promises, Cooperative Society Limited, Shop No. 51 & 56th Floor, Building 'C', Viman Nagar, Pune, Maharashtra, India - 411014





Certificate No: MC-5697

Patient Name : Mr.MANAS RANJAN	Collected : 24/Feb/2024 10:17AM
Age/Gender : 57 Y 8 M 11 DiM	Received : 24/Feb/2024 03:26PM
UHID/MR No : CVIM.0000236755	Reported : 24/Feb/2024 03:49PM
Visit ID : CVIMOPV592319	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 360010	

**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	<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	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

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



*Dr. Sanjay Ingle*  
DR. Sanjay Ingle  
M.B.B.S., M.D (Pathology)  
Consultant Pathologist

SIN No: UR2290765

This test has been performed at Apollo Health and Lifestyle Ltd- Sadashiv Peth Pune, Diagnostics Lab  
Apollo Health and Lifestyle Limited JCN- U85130TG2003PLC115218

Office: 1-38-6082, Ashoka Raghupati Chambers, 5th Floor, Bagarpet, Hyderabad, Telangana - 500 016  
Apollo.com | Email: enquiry@apollohld.com, Ph No: 040-4804 7777, Fax No: 4804 7744

Rythm Millenium Primitives, Cooperative Society Limited, Shop No. 31 & 32th Floor, Building "C", Vittal Nagar, Pune, Maharashtra, India - 411014

Patient Name : Mr. MANAS RANJAN  
UHID : CVIM.0000236755  
Reported on : 24-02-2024 11:44  
Adm/Consult Doctor :

Age : 57 Y M  
OP Visit No : CVIMOPV592319  
Printed on : 25-02-2024 16:14  
Ref Doctor : SELF

**DEPARTMENT OF RADIOLOGY**

**X-RAY CHEST PA**

**X-RAY CHEST PA**

Trachea appears normal.

Both the lung fields are clear.

Cardiac shadows appear apparently normal.

Both domes of diaphragm appear normal.

Both costophrenic angles are clear.

Bony thoracic cage shows no deformity. Visualised bones appear normal.

Soft tissues appear normal.

**Impression:** Essentially Normal Study.

Printed on: 24-02-2024 11:44

---End of the Report---

*Preeti*  
**Dr. PREETI P KATHE**  
**DMRE, MD, DNB**  
Radiology