

Your appointment is confirmed

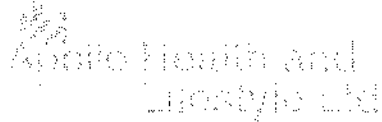
noreply@apolloclinics.info <noreply@apolloclinics.info>

Tue 1/23/2024 4:46 PM

To: gnaga41@gmail.com <gnaga41@gmail.com>

Cc: Hitechcity Apolloclinic <hitechcity@apolloclinic.com>; DCM Kondapur <dcm.kondapur@apolloclinic.com>;

Syamsunder M <syamsunder.m@apollohl.com>



Dear MR. GUGULOTHU NAGA .,

Greetings from Apollo Clinics,

Your corporate health check appointment is confirmed at **KONDA PUR clinic** on **2024-01-24 at 09:00-09:15**.

Payment Mode	
Corporate Name	ARCOFEMI HEALTHCARE LIMITED
Agreement Name	[ARCOFEMI MEDIWHEEL MALE AHC CREDIT PAN INDIA OP AGREEMENT]
Package Name	[ARCOFEMI - MEDIWHEEL - FULL BODY ANNUAL PLUS MALE - 2D ECHO - 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 10-12-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: APOLLO MEDICAL CENTRE, D.NO 2-34/2, G V CLASSIC, PLOT NO 1 & 6, SURVEY NO 02, KOTHAGUDA 'X' ROAD, KONDAPUR, SERILINGAMPALLY, HYDERABAD-500084.

Contact No: (040) 45455444,30166600.

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



भारत सरकार
Government of India



Issue Date: 12/12/2014

గుగులోతు నాగ్
Gugulothu Naga
పుట్టిన తేదీ / DOB: 20/02/1986
పురుషుడు / MALE



2782 5826 2425

मेरा आधार, मेरी पहचान

Name: Mr. GUGULOTHU NAGA
 Age/Gender: 37 YM
 Address: HYD
 Location: HYDERABAD, TELANGANA
 Doctor:
 Department: GENERAL
 Rate Plan: KONDAPUR_06042023
 Sponsor: ARCOFEMI HEALTHCARE LIMITED

MR No: CKON 0000347493
 Visit ID: CKONOPV632656
 Visit Date: 24-01-2024 09:03
 Discharge Date:
 Referred By: SELF

Vitals:

Date	Pulse (Beats/min)	B.P (mmHg)	Resp (Rate/min)	Temp (F)	Height (cms)	Weight (Kgs)	Body Fat Percentage (%)	Visceral Fat Level (%)	Body Age (Years)	BMI	Waist Circum (cms)	Hip (cms)	Waist & Hip Ratio	User
24-01-2024 13:23	78 Beats/min	110/70 mmHg	Rate/min	F	172 cms	92 Kgs	%	%	Years	31.1	94 cms	108 cms	111 cms	AHLL03268

Patient Name	: Mr. GUGULOTHU NAGA	Age	: 37 Y/M
UHID	: CKON.0000347493	OP Visit No	: CKONOPV632656
Reported By:	: Dr. VENKATA RAYUDU NEKKANTI	Conducted Date	: 24-01-2024 15:03
Referred By	: SELF		

ECG REPORT

Observation :-

1. Normal Sinus Rhythm.
2. Heart rate is 78 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 seen.

Impression:

NORMAL SINUS RHYTHM.

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



Dr. VENKATA RAYUDU NEKKANTI

Mr. G. naga
ID: 347493

24.01.2024 11:21:12
APOLLO MEDICAL CENTRE
HYDERABAD

37 Years

Male

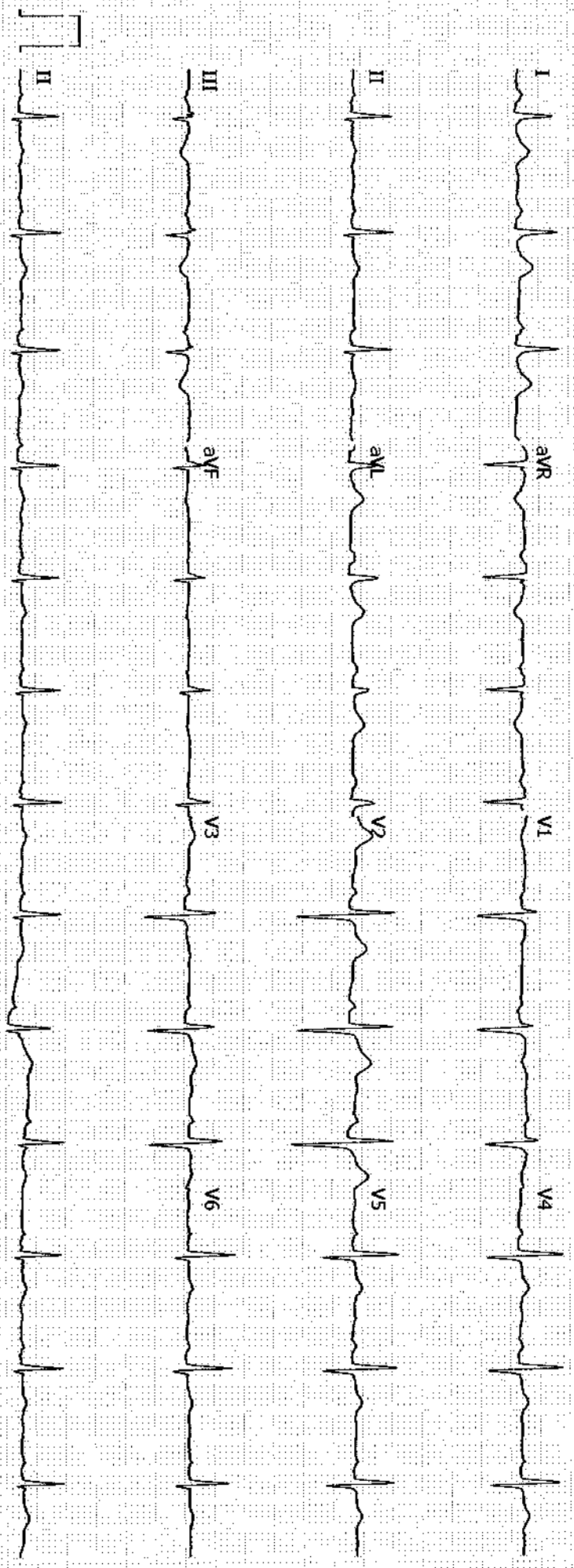
Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

Location:
Order Number:
Visit:
Indication:
Medication 1:
Medication 2:
Medication 3:

Room:

78 bpm
-/- mmHg

QRS :	80 ms	Normal sinus rhythm
QT / QTcBaz :	366 / 417 ms	Normal ECG
PR :	150 ms	
P :	92 ms	
RR / PP :	764 / 769 ms	
P / QRS / T :	4 / 16 / -6 degrees	



Patient Name	: Mr. GUGULOTHU NAGA	Age	: 37 Y/M
UHID	: CKON.0000347493	OP Visit No	: CKONOPV632656
Conducted By:	: Dr. RAMU ANKAM	Conducted Date	: 24-01-2024 16:43
Referred By	: SELF		

2D-ECHO WITH COLOUR DOPPLER

Dimensions:

Ao (ed)	3.6 CM
LA (es)	3.7 CM
LVID (ed)	4.5 CM
LVID (es)	2.9 CM
IVS (Ed)	1.1 CM
LVPW (Ed)	1.1 CM
EF	65.00%
%FD	35.00%

MITRAL VALVE : NORMAL

AML NORMAL

PML NORMAL

AORTIC VALVE NORMAL

TRICUSPID VALVE NORMAL

RIGHT VENTRICLE NORMAL

INTER ATRIAL SEPTUM INTACT

INTER VENTRICULAR SEPTUM INTACT

AORTA NORMAL

RIGHT ATRIUM NORMAL

LEFT ATRIUM NORMAL

Pulmonary Valve NORMAL

PERICARDIUM NORMAL

LEFT VENTRICLE:

NO REGIONAL WALL MOTION ABNORMALITY

COLOUR AND DOPPLER STUDIES

PJV: 0.8

AJV 1.0

E: 0.8 m/s

A: 0.6 m/s

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC046089) Regd. Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana.

APOLLO CLINICS NETWORK

Andhra Pradesh: **Tirupati** (Sankarabadi Circle) **Vizag** (Seethamma Peta)

Telangana: **Hyderabad** (AS Rao Nagar | Chanda Nagar | Jubilee Hills | Kondapur | Nallakunta | Nizampet | SR Nagar | Vanasthalipuram)

Online appointments: www.apolloeoc.in | Online reports: <https://phr.apolloclinic.com> | www.apolloclinic.com

TO BOOK AN APPOINTMENT

 **1860 500 7788**

IMPRESSION:-
NORMAL CHAMBERS
NO RWMA
GOOD LV/ RV FUNCTION
NO MR/ TR/ AR/ PAH
NO CLOT/ NO PE



Dr. RAMU
ANKAM

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC046089) Regd. Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana.

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Online appointments: www.apolloedoc.in | Online reports: <https://phr.apolloclinic.com> | www.apolloclinic.com

TO BOOK AN APPOINTMENT



Cardiology

Name Mr G. Naga
 Age 37y
 Male Female
 Ref. Diagnosis

Date 24/1/24
 UHID No. 347493
 Ref. Physician Dr. Ramu. A

Echocardiogram Report

Echogenicity	Poor	Adequate	Good	Ht.	Wt.	BSA
DIMENSIONS		NORMAL		DIMENSIONS		NORMAL
Ao (ed)	<u>3.6</u> cm	(1.5cm / m2)		IVS (Ed)	<u>1.1</u> cm	(0.6 - 1.2 cm)
LA (es)	<u>3.7</u> cm	(1.5cm / m2)		LVPW (Ed)	<u>1.1</u> cm	(0.6 - 1.1 cm)
RVID (ed)	<u>3.2</u> cm	(0.9 cm / m2)		EF	<u>65%</u>	(0.62 - 0.85)
LVID (ed)	<u>4.5</u> cm	(2.6 - 3.4 cm / m2)		% FD	<u>35%</u>	(2.8% - 42%)
LVID (es)	<u>2.9</u>					

MORPHOLOGICAL DATA

Mitral Valve	AML	<u>2</u>	Interatrial septum	<u>2</u>
	PML	<u>2</u>	Interventricular septum	<u>2</u>
Aortic Valve		<u>2</u>	Pulmonary artery	<u>2</u>
Tricuspid valve		<u>2</u>	Aorta	<u>2</u>
Pulmonary valve		<u>2</u>	Right atrium	<u>2</u>
Right ventricle		<u>2</u>	Left atrium	<u>2</u>

GLASS PRESCRIPTION

DATE: 24/07/2024

UHID: 347493

PATIENT NAME: Mr. Gungulothu
Raja.

9098592967

AGE/ GENDER:

37/m

	UAVA	SPH	CYL	AXIS	ADD	BCVA
OD	CL6 CL6	1	—		2	2/6
OS	CL6 CL6	2	—		2	2/6

COLOR VISION: BE normal

INSTRUCTIONS:


SIGNATURE

Customer Pending Tests
PATIENT YET TO VISIT THE CENTER FOR FITNESS EVALUATION.

Patient Name	: Mr. GUGULOTHU NAGA	Age/Gender	: 37 Y/M
UHID/MR No.	: CKON.0000347493	OP Visit No	: CKONOPV632656
Sample Collected on	:	Reported on	: 24-01-2024 13:16
LRN#	: RAD2215349	Specimen	:
Ref Doctor	: SELF		
Emp/Auth/TPA ID	: 97327		

DEPARTMENT OF RADIOLOGY

ULTRASOUND - WHOLE ABDOMEN

Liver appears normal in size and mild increased in echotexture. No focal lesion is seen. PV and CBD normal.No dilatation of the intrahepatic biliary radicals.

Gall bladder is distended normal. No evidence of calculus. Wall thickness appears normal. No evidence of periGB collection. No evidence of focal lesion is seen.

Spleen appears normal. No focal lesion seen. Splenic vein appears normal.

Pancreas appears normal in echopattern. No focal/mass lesion/calcification. No evidence of peripancreatic free fluid or collection. Pancreatic duct appears normal.

Both the kidneys appear normal in size, shape and echopattern. Cortical thickness and CM differentiation are maintained. No calculus / hydronephrosis seen on either side.

Right kidney measures 117 x 48 mm. Left kidney measures 112 x 52 mm.

Urinary Bladder is well distended and appears normal. No evidence of any wall thickening or abnormality. No evidence of any intrinsic or extrinsic bladder abnormality detected.

Prostate is normal in size and echo texture.No evidence of necrosis/calcification seen. Prostate measures 29 x 28 x 32 mm,Volume--15 cc.

IMPRESSION:-

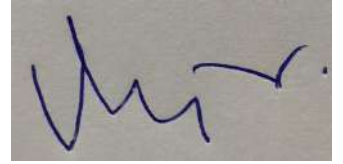
****MILD FATTY CHANGES IN LIVER.**

Patient Name : Mr. GUGULOTHU NAGA

Age/Gender : 37 Y/M

Suggest – clinical correlation.

(The sonography findings should always be considered in correlation with the clinical and other investigation finding where applicable.) It is only a professional opinion, Not valid for medico legal purpose.



Dr. VIJAYA KUMAR M
MBBS, DMRD
Consultant Radiologist

Patient Name : Mr. GUGULOTHU NAGA

Age/Gender : 37 Y/M

UHID/MR No. : CKON.0000347493

OP Visit No : CKONOPV632656

Sample Collected on :

Reported on : 24-01-2024 17:47

LRN# : RAD2215349

Specimen :

Ref Doctor : SELF

Emp/Auth/TPA ID : 97327

DEPARTMENT OF RADIOLOGY

X-RAY CHEST PA

Both lung fields and hila are normal .

No obvious active pleuro-parenchymal lesion seen .

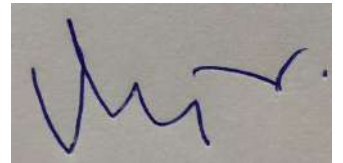
Both costophrenic and cardiophrenic angles are clear .

Both diaphragms are normal in position and contour .

Thoracic wall and soft tissues appear normal.

CONCLUSION :

No obvious abnormality seen.



Dr. VIJAYA KUMAR M
MBBS, DMRD
Consultant Radiologist

Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 10:38AM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 11:22AM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

DEPARTMENT OF HAEMATOLOGY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	15.9	g/dL	13-17	Spectrophotometer
PCV	47.60	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.71	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	83	fL	83-101	Calculated
MCH	27.9	pg	27-32	Calculated
MCHC	33.4	g/dL	31.5-34.5	Calculated
R.D.W	13.9	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,900	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	52	%	40-80	Electrical Impedance
LYMPHOCYTES	40	%	20-40	Electrical Impedance
EOSINOPHILS	02	%	1-6	Electrical Impedance
MONOCYTES	06	%	2-10	Electrical Impedance
BASOPHILS	00	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	4108	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	3160	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	158	Cells/cu.mm	20-500	Calculated
MONOCYTES	474	Cells/cu.mm	200-1000	Calculated
PLATELET COUNT	250000	cells/cu.mm	150000-410000	Electrical impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	11	mm at the end of 1 hour	0-15	Modified Westergren
PERIPHERAL SMEAR				
RBC NORMOCYTIC NORMOCHROMIC				
WBC WITHIN NORMAL LIMITS				
PLATELETS ARE ADEQUATE ON SMEAR				
NO HEMOPARASITES SEEN				

Page 1 of 13




Dr.Sukumar Sannidhi
MD(Path)
Consultant Pathologist

Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 10:38AM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 01:44PM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

DEPARTMENT OF HAEMATOLOGY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA				
BLOOD GROUP TYPE	B			Forward & Reverse Grouping with Slide/Tube Aggluti
Rh TYPE	POSITIVE			Forward & Reverse Grouping with Slide/Tube Agglutination




Dr. Sukumar Sannidhi
MD(Path)
Consultant Pathologist

Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 12:12PM
Age/Gender : 37 Y 11 M 4 DM	Received : 24/Jan/2024 01:53PM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 02:14PM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

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	105	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 > 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)	151	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.Sukumar Sannidhi
MD(Path)
Consultant Pathologist

Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 12:12PM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 01:43PM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA				
HBA1C, GLYCATED HEMOGLOBIN	6.1	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	128	mg/dL		Calculated

Comment:

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

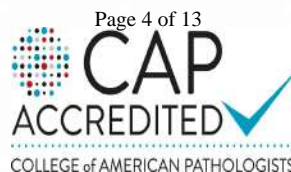
REFERENCE GROUP	HBA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 – 6.4
DIABETES	≥ 6.5
DIABETICS	
EXCELLENT CONTROL	6 – 7
FAIR TO GOOD CONTROL	7 – 8
UNSATISFACTORY CONTROL	8 – 10
POOR CONTROL	>10

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)

Maruthi

Dr.E.Maruthi Prasad
PhD (Biochemistry)
Consultant biochemist



Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 DM	Received : 24/Jan/2024 12:12PM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 01:43PM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

DEPARTMENT OF BIOCHEMISTRY

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

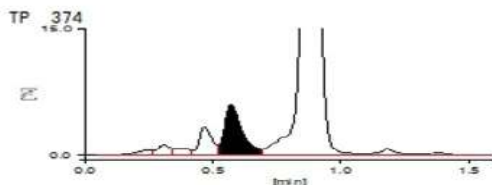
Chromatogram Report

V5.28 1 2024-01-24 12:48:45
 ID EDT240007240
 Sample No. 01240053 SL 0005 - 10
 Patient ID
 Name
 Comment

GALIB			
Name	%	Time	Area
A1A	0.5	0.24	6.37
A1B	0.7	0.31	9.21
F	0.6	0.39	7.85
LA1C+	2.0	0.47	26.61
SA1C	6.1	0.57	65.74
A0	92.0	0.87	1235.01
H-V0			
H-V1			
H-V2			

Total Area 1350.79

HbA1c 6.1 % IFCC 43 mmol/mol
 HbA1 7.3 % HbF 0.6 %



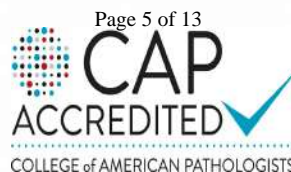
24-01-2024 13:09:34 APOLLO

APOLLO DIAGNOSTICS GLOBAL
BALNAGAR

1 / 1

Maruthi

Dr.E.Maruthi Prasad
 PhD (Biochemistry)
 Consultant biochemist



Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 10:00AM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 11:37AM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	188	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	141	mg/dL	<150	Enzymatic
HDL CHOLESTEROL	35	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	153	mg/dL	<130	Calculated
LDL CHOLESTEROL	124.8	mg/dL	<100	Calculated
VLDL CHOLESTEROL	28.2	mg/dL	<30	Calculated
CHOL / HDL RATIO	5.37		0-4.97	Calculated

Comment:

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

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

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



Dr.Sukumar Sannidhi
MD(Path)
Consultant Pathologist



Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 10:00AM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 11:37AM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 97327	

DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	1.10	mg/dL	0.20-1.20	DIAZO METHOD
BILIRUBIN CONJUGATED (DIRECT)	0.30	mg/dL	0.0-0.3	Calculated
BILIRUBIN (INDIRECT)	0.80	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	32	U/L	<50	Visible with P-5-P
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	26.0	U/L	17-59	UV with P-5-P
ALKALINE PHOSPHATASE	114.00	U/L	38-126	p-nitrophenyl phosphate
PROTEIN, TOTAL	7.70	g/dL	6.3-8.2	Biuret
ALBUMIN	5.10	g/dL	3.5 - 5	Bromocresol Green
GLOBULIN	2.60	g/dL	2.0-3.5	Calculated
A/G RATIO	1.96		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.



Dr.Sukumar Sannidhi
MD(Path)
Consultant Pathologist



Patient Name	: Mr.GUGULOTHU NAGA	Collected	: 24/Jan/2024 09:14AM
Age/Gender	: 37 Y 11 M 4 D/M	Received	: 24/Jan/2024 10:00AM
UHID/MR No	: CKON.0000347493	Reported	: 24/Jan/2024 11:37AM
Visit ID	: CKONOPV632656	Status	: Final Report
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DEPARTMENT OF BIOCHEMISTRY

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



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MD(Path)
Consultant Pathologist

Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 12:14PM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 01:16PM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF BIOCHEMISTRY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM				
CREATININE	1.22	mg/dL	0.84 - 1.25	Modified Jaffe, Kinetic
UREA	24.10	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	11.3	mg/dL	8.0 - 23.0	Calculated
URIC ACID	6.33	mg/dL	3.5-7.2	Uricase PAP
CALCIUM	9.47	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	3.32	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	139	mmol/L	136-146	ISE (Indirect)
POTASSIUM	4.4	mmol/L	3.5-5.1	ISE (Indirect)
CHLORIDE	105	mmol/L	101-109	ISE (Indirect)

Maruthi

Dr.E.Maruthi Prasad
PhD (Biochemistry)
Consultant biochemist



Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
Age/Gender : 37 Y 11 M 4 D/M	Received : 24/Jan/2024 10:00AM
UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 11:34AM
Visit ID : CKONOPV632656	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
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	26.00	U/L	15-73	Glycylglycine Nitoranalide




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Patient Name : Mr.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
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UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 10:41AM
Visit ID : CKONOPV632656	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
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DEPARTMENT OF IMMUNOLOGY

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

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM				
TRI-iodothyronine (T3, TOTAL)	1.21	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	9.17	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	1.734	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.GUGULOTHU NAGA	Collected : 24/Jan/2024 09:14AM
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UHID/MR No : CKON.0000347493	Reported : 24/Jan/2024 01:50PM
Visit ID : CKONOPV632656	Status : Final Report
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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
COMPLETE URINE EXAMINATION (CUE) , URINE				
PHYSICAL EXAMINATION				
COLOUR	PALE YELLOW		PALE YELLOW	Visual
TRANSPARENCY	HAZY		CLEAR	Visual
pH	5.5		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GLUCOSE OXIDASE
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING REACTION
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	MODIFIED EHRlich REACTION
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	LEUCOCYTE ESTERASE
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	4-6	/hpf	0-5	Microscopy
EPITHELIAL CELLS	3-5	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY



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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
URINE GLUCOSE(POST PRANDIAL)	NEGATIVE		NEGATIVE	Dipstick

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

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

Result/s to Follow:
PERIPHERAL SMEAR




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