

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card
BIDPL9831N



04012021

नाम/ Name
ARUNA LAM

पिता का नाम/ Father's Name
PRABHAKAR

जन्म की तारीख/
Date of Birth
22/08/1986

L. Aruna
हस्ताक्षर/ Signature



Indian Union Driving Licence
Issued by Telangana State

TS

DLFAP0102742004

Issue Date Validity(NT) Validity(TR)
23/12/2023 22/12/2033 00/00/0000



Name : SUNIL KUMAR L

Holder's Signature

Date Of Birth :16/02/1984 Blood Group : O+ Organ Donor :

Son/Daughter/Wife of : L S J RAJENDER RAO

Address :

11 2 132 MYLARGADDA
SITAFALMANDI
CHIL KAL GUDA.HYDRABAD - 500061

Date of First Issue 29/12/2003

Fwd: Health Check up Booking Request(UBOIES3763), Package Code(), Beneficiary Code()

Sunil Kumar <sunilkumar19842002@gmail.com>

Thu 2/22/2024 7:22 PM

To: Bh - R P Road, Secunderabad [Union Bank Of India] <ubin0805050@unionbankofindia.bank>

You don't often get email from sunilkumar19842002@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 खोलें और पहचान की जा सके। सुरक्षित है अथवा नहीं। संदिग्ध लिंक के संबंध में, कृपया [antiphishing@dotbank](#) पर रिपोर्ट करें।

CAUTION AND ATTENTION PLEASE: This is an external email. Please check the sender's full email address (not just the sender name). Do not click links or open attachments unless you recognize the sender and know the content is safe. In case of any suspicious email, please report it to [antiphishing@dotbank](#) also. At the rate: [unionbankofindia.bank](#)

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

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

Date: Thu, 22 Feb 2024, 10:47

Subject: Health Check up Booking Request(UBOIES3763), Package Code(), Beneficiary Code()

To: <sunilkumar19842002@gmail.com>

From: <customer-care@mediwheel.in>

011-41199959

Dear L SUNIL KUMAR,

We have received your booking request for the following health checkup, please upload HRM Letter as soon as possible.

Upload HRM Letter

Booking Date : 22-02-2024

User Package Name : MediWheel Full Body Health Checkup Male 35 to 40 For Self and Spouse

Hospital Package Name : Mediwheel Annual Health Checkup Female Starter

Health Check Code :

Name of Diagnostic/Hospital : Apollo Clinic

Address of Diagnostic/Hospital : A-12, # 1-9-71/A/12/B, Rishabh heights, above vodafone store, beside KFC, A S Rao Nagar, Hyderabad -500062

Appointment Date : 24-02-2024

Preferred Time : 09:00 am - 09:30 am

Member Information		
Booked Member Name	Age	Gender
L SUNIL KUMAR	40 year	Male
LARUNA	37 year	Female

We will get back to you with confirmation update shortly. Please find the package details as attached for your reference.

Tests included in this Package

- Bmi Check
- Pap Smear
- Ent Consultation
- Dietician Consultation
- Gynae Consultation
- Thyroid Profile
- ESR
- Blood Glucose (Fasting)
- General Physician Consultation
- Blood Group
- ECG
- USG Whole Abdomen
- Eye Check-up consultation
- Dental Consultation
- Urine analysis
- CBC
- HbA1c
- Lipid Profile
- Kidney Profile
- Liver profile

Thanks,
Mediwheel Team

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

Please visit to our **Terms & Conditions** for more information. This email is received because you are registered with us [Click here](#) to unsubscribe.

@ 2024 - 25, Arcofemi Healthcare Pvt Limited. (Mediwheel)

Health checkup at tie-up Ctr

HealthChkup Authorisatn letter



Union Bank of India
RO - SECUNDERABAD
III FLOOR,, SULTAN BAZAR,,
HYDERABAD 500095, Telangana, - 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 40-50 Male

Shri/Smt./Kum. L SUNIL KUMAR,.

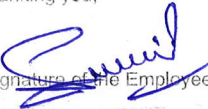
P.F. No. 692647 Designation : Single Window Operator - B

Checkup for Financial Year 2023-2024 **Approved Charges Rs. 3500.00**


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**

[View Worklist](#)

[Previous in Worklist](#)

[Next in Worklist](#)

Health checkup at tie-up Ctr | HealthChkup Authorisatn letter

Patient Name	: Mrs. L ARUNA	Age/Gender	: 37 Y/F
UHID/MR No.	: CASR.0000185997	OP Visit No	: CASROPV221221
Sample Collected on	:	Reported on	: 24-02-2024 14:42
LRN#	: RAD2246568	Specimen	:
Ref Doctor	: SELF		
Emp/Auth/TPA ID	: UBOIES3763/692647		

DEPARTMENT OF RADIOLOGY

ULTRASOUND - WHOLE ABDOMEN

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

Gall bladder is well distended. 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.

Right kidney : 95x41mm

Left kidney : 102x42mm

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

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

Uterus 38x43x35mm appears normal in size. It shows normal shape & echo pattern.

ET: Not well delineated

Right ovary : 19x20mm

Left ovary : 23x22mm

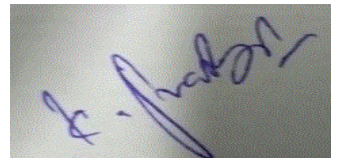
Both ovaries appear normal in size, shape and echotexture.

No evidence of any adnexal pathology noted.

Cervix mildly bulky

IMPRESSION:-Mild Cervicitis Changes.

Suggested clinical correlation and further evaluation if necessary .



Dr. PRAVEEN BABU KAJA



Patient Name : Mrs. L ARUNA

Age/Gender : 37 Y/F

Radiology

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:09PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 02:26PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , WHOLE BLOOD EDTA				
HAEMOGLOBIN	9.7	g/dL	12-15	Spectrophotometer
PCV	29.40	%	36-46	Electronic pulse & Calculation
RBC COUNT	4.24	Million/cu.mm	3.8-4.8	Electrical Impedance
MCV	69.4	fL	83-101	Calculated
MCH	22.8	pg	27-32	Calculated
MCHC	32.8	g/dL	31.5-34.5	Calculated
R.D.W	17.2	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,630	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	60	%	40-80	Electrical Impedance
LYMPHOCYTES	31.3	%	20-40	Electrical Impedance
EOSINOPHILS	1.2	%	1-6	Electrical Impedance
MONOCYTES	7.5	%	2-10	Electrical Impedance
BASOPHILS	0	%	0-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	4578	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2388.19	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	91.56	Cells/cu.mm	20-500	Calculated
MONOCYTES	572.25	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	1.92		0.78- 3.53	Calculated
PLATELET COUNT	270000	cells/cu.mm	150000-410000	Electrical impedance
ERYTHROCYTE SEDIMENTATION RATE (ESR)	45	mm at the end of 1 hour	0-20	Modified Westergren
PERIPHERAL SMEAR				

RBC- MICROCYTIC HYPOCHROMIC.MILD DEGREE OF ANISOPOIKILOCYTOSIS WITH TEAR DROP CELLS,ELLIPTOCYTES AND OVALOCYTES SEEN.
WBC WITHIN NORMAL LIMITS



Dr. R.SHALINI
M.B.B.S.,M.D(Pathology)
Consultant Pathologist

SIN No:BED240047913

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad



Patient Name	: Mrs.L ARUNA	Collected	: 24/Feb/2024 08:55AM
Age/Gender	: 37 Y 6 M 2 D/F	Received	: 24/Feb/2024 01:09PM
UHID/MR No	: CASR.0000185997	Reported	: 24/Feb/2024 02:26PM
Visit ID	: CASROPV221221	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: UBOIES3763/692647		

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

PLATELETS ARE ADEQUATE ON SMEAR
NO HEMOPARASITES SEEN
IMPRESSION: MICROCYTIC HYPOCHROMIC ANEMIA
KINDLY CORRELATE WITH IRON STUDIES.



Dr. R. SHALINI
M.B.B.S., M.D (Pathology)
Consultant Pathologist

SIN No: BED240047913

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory, Hyderabad



Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:09PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:12PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
BLOOD GROUP ABO AND RH FACTOR , WHOLE BLOOD EDTA				
BLOOD GROUP TYPE	B			Microplate technology
Rh TYPE	Positive			Microplate technology



Dr.KASULA SIDDARTHA
M.B.B.S,DNB(Pathology)
Consultant Pathologist



SIN No:BED240047913

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:25PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:20PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	82	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 $> \text{ or } = 126 \text{ mg/dL}$ 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
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA				
HBA1C, GLYCATED HEMOGLOBIN	6.1	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	128	mg/dL		Calculated

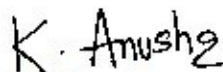
Comment:

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



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist



SIN No:EDT240021422

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name	: Mrs.L ARUNA	Collected	: 24/Feb/2024 08:55AM
Age/Gender	: 37 Y 6 M 2 D/F	Received	: 24/Feb/2024 01:25PM
UHID/MR No	: CASR.0000185997	Reported	: 24/Feb/2024 04:20PM
Visit ID	: CASROPV221221	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: UBOIES3763/692647		

DEPARTMENT OF BIOCHEMISTRY

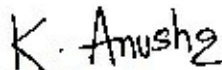
ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

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
 - HbF >25%
 - Homozygous Hemoglobinopathy.
(Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist



SIN No:EDT240021422

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:25PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:20PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

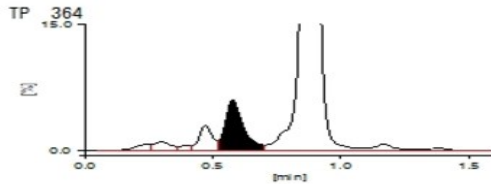
Chromatogram Report

HLC723G8 V5.28 1 2024-02-24 14:54:56
 ID EDT240021422
 Sample No. 02240149 SL 0003 - 03
 Patient ID
 Name
 Comment

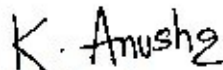
CALIB			
Name	%	Time	Area
A1A	0.5	0.25	7.36
A1B	0.8	0.30	11.91
F	0.3	0.40	4.21
LA1C+	1.7	0.47	25.78
SA1C	6.1	0.58	72.11
AO	92.2	0.88	1393.17
H-V0			
H-V1			
H-V2			

Total Area 1514.54

HbA1c 6.1 % **IFCC 43 mmol/mol**
 HbA1 7.4 % HbF 0.3 %




Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist



SIN No:EDT240021422

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

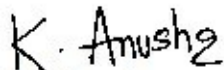
Patient Name	: Mrs.L ARUNA	Collected	: 24/Feb/2024 08:55AM
Age/Gender	: 37 Y 6 M 2 D/F	Received	: 24/Feb/2024 01:25PM
UHID/MR No	: CASR.0000185997	Reported	: 24/Feb/2024 04:20PM
Visit ID	: CASROPV221221	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: UBOIES3763/692647		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist



SIN No:EDT240021422

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:30PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:17PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM				
TOTAL CHOLESTEROL	150	mg/dL	<200	CHO-POD
TRIGLYCERIDES	123	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	34	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	116	mg/dL	<130	Calculated
LDL CHOLESTEROL	91.4	mg/dL	<100	Calculated
VLDL CHOLESTEROL	24.6	mg/dL	<30	Calculated
CHOL / HDL RATIO	4.41		0-4.97	Calculated

Comment:

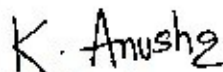
Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	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.



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist

Page 8 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:SE04639772

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:30PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:17PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , SERUM				
BILIRUBIN, TOTAL	0.36	mg/dL	0.3-1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.10	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.26	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	8	U/L	<35	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	14.0	U/L	<35	IFCC
ALKALINE PHOSPHATASE	49.00	U/L	30-120	IFCC
PROTEIN, TOTAL	7.56	g/dL	6.6-8.3	Biuret
ALBUMIN	3.90	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	3.66	g/dL	2.0-3.5	Calculated
A/G RATIO	1.07		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's diseases, Cirrhosis, but the increase is usually not >2.

2. Cholestatic Pattern:

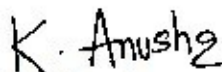
- ALP – Disproportionate increase in ALP compared with AST, ALT.
- Bilirubin may be elevated.
- ALP elevation also seen in pregnancy, impacted by age and sex.
- To establish the hepatic origin correlation with GGT helps. If GGT elevated indicates hepatic cause of increased ALP.

3. Synthetic function impairment:

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



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist

Page 9 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:SE04639772

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:30PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:17PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

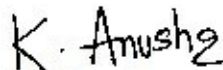
DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , SERUM				
CREATININE	0.61	mg/dL	0.66 - 1.09	Modified Jaffe, Kinetic
UREA	27.10	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	12.7	mg/dL	8.0 - 23.0	Calculated
URIC ACID	4.46	mg/dL	2.6-6.0	Uricase PAP
CALCIUM	8.85	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	3.77	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	139	mmol/L	136-146	ISE (Indirect)
POTASSIUM	4.7	mmol/L	3.5-5.1	ISE (Indirect)
CHLORIDE	109	mmol/L	101-109	ISE (Indirect)



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist

Page 10 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:SE04639772

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:30PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:17PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

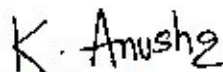
DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , SERUM	12.00	U/L	<38	IFCC



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist

Page 11 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:SE04639772

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:29PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 04:09PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH) , SERUM				
TRI-IODOTHYRONINE (T3, TOTAL)	0.84	ng/mL	0.87-1.78	CLIA
THYROXINE (T4, TOTAL)	10.77	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	7.017	µIU/mL	0.38-5.33	CLIA

Comment:

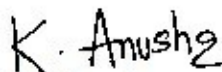
For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0

- 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. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist

Page 12 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:SPL24031502

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

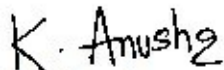
Patient Name	: Mrs.L ARUNA	Collected	: 24/Feb/2024 08:55AM
Age/Gender	: 37 Y 6 M 2 D/F	Received	: 24/Feb/2024 01:29PM
UHID/MR No	: CASR.0000185997	Reported	: 24/Feb/2024 04:09PM
Visit ID	: CASROPV221221	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: UBOIES3763/692647		

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - PAN INDIA - FY2324



Dr. RAJESH BATTINA
PhD.(Biochemistry)
Consultant Biochemist



Dr.K.Anusha
M.B.B.S.,M.D(Biochemistry)
Consultant Biochemist

Page 13 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:SPL24031502

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Patient Name : Mrs.L ARUNA	Collected : 24/Feb/2024 08:55AM
Age/Gender : 37 Y 6 M 2 D/F	Received : 24/Feb/2024 01:25PM
UHID/MR No : CASR.0000185997	Reported : 24/Feb/2024 02:32PM
Visit ID : CASROPV221221	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : UBOIES3763/692647	

DEPARTMENT OF CLINICAL PATHOLOGY


ARCOFEMI - MEDIWHEEL - FULL BODY HC STARTER FEMALE - 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	Bromothymol Blue
SP. GRAVITY	1.025		1.002-1.030	Bromothymol Blue
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	NEGATIVE		NEGATIVE	GOD - POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	SODIUM NITRO PRUSSIDE
UROBILINOGEN	NORMAL		NORMAL	EHRlich
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	POSITIVE +		NEGATIVE	PYRROLE HYDROLYSIS
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	6-8	/hpf	0-5	Microscopy
EPITHELIAL CELLS	3-4	/hpf	<10	MICROSCOPY
RBC	NIL	/hpf	0-2	MICROSCOPY
CASTS	NIL		0-2 Hyaline Cast	MICROSCOPY
CRYSTALS	ABSENT		ABSENT	MICROSCOPY

*** End Of Report ***

Result/s to Follow:

PERIPHERAL SMEAR, LBC PAP TEST (PAPSURE)



Dr. R. SHALINI
M.B.B.S., M.D (Pathology)
Consultant Pathologist

SIN No: UR2290042

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory, Hyderabad

Page 14 of 14
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

