Apollo TOUCHING LIVES

MC-6146

Apollo Clinic Expertise. Closer to you.

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:48PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:51PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
HEMOGRAM , *WHOLE BLOOD EDTA*				
HAEMOGLOBIN	13.7	g/dL	12-15	Spectrophotometer
PCV	40.40	%	36-46	Electronic pulse & Calculation
RBC COUNT	4.32	Million/cu.mm	3.8-4.8	Electrical Impedence
MCV	93.6	fL	83-101	Calculated
MCH	31.6	pg	27-32	Calculated
MCHC	33.8	g/dL	31.5-34.5	Calculated
R.D.W	12.7	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,680	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	55.3	%	40-80	Electrical Impedance
LYMPHOCYTES	35.2	%	20-40	Electrical Impedance
EOSINOPHILS	3.3	%	1-6	Electrical Impedance
MONOCYTES	5.5	%	2-10	Electrical Impedance
BASOPHILS	0.7	%	<1-2	Electrical Impedance
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	4247.04	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2703.36	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	253.44	Cells/cu.mm	20-500	Calculated
MONOCYTES	422.4	Cells/cu.mm	200-1000	Calculated
BASOPHILS	53.76	Cells/cu.mm	0-100	Calculated
PLATELET COUNT	**412000**	cells/cu.mm	150000-410000	Electrical impedence
ERYTHROCYTE SEDIMENTATION RATE (ESR)	9	mm at the end of 1 hour	0-20	Modified Westegren method
PERIPHERAL SMEAR				
RBCs: are normocytic normochromic				

Dr. Chinki Anupam
M.B.B.S,M.D(Pathology)
Consultant Pathologist

Dr.Shobha Emmanuel
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:BED230319071

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:48PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:51PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

WBCs: are normal in total number with normal distribution and morphology.

PLATELETS: appear adequate in number.

HEMOPARASITES: negative

IMPRESSION: NORMOCYTIC NORMOCHROMIC BLOOD PICTURE.

Dr. Chinki Anupam
M.B.B.S,M.D(Pathology)
Consultant Pathologist

Dr.Shobha Emmanuel
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:BED230319071
This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:48PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 04:49PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF HAEMATOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 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	A			Microplate Hemagglutination
Rh TYPE	Positive			Microplate Hemagglutination

Dr. Chinki Anupam
M.B.B.S,M.D(Pathology)
Consultant Pathologist

Dr.Shobha Emmanuel
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:BED230319071
This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:39PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 02:46PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , *NAF PLASMA*	76	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:

1.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.

2. 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)*	83	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.

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN) , *WHOLE BLOOD EDTA*				

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:EDT230118132

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:39PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 02:46PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

HBA1C, GLYCATED HEMOGLOBIN	5.2	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	103	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.

1. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.
2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.
3. 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.
4. 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.
5. 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.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:EDT230118132

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:37PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:49PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID PROFILE , *SERUM*				
TOTAL CHOLESTEROL	168	mg/dL	<200	CHO-POD
TRIGLYCERIDES	65	mg/dL	<150	GPO-POD
HDL CHOLESTEROL	50	mg/dL	40-60	Enzymatic Immunoinhibition
NON-HDL CHOLESTEROL	118	mg/dL	<130	Calculated
LDL CHOLESTEROL	**105.5**	mg/dL	<100	Calculated
VLDL CHOLESTEROL	13	mg/dL	<30	Calculated
CHOL / HDL RATIO	3.37		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

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 350mg/dl. When Triglycerides are more than 350 mg/dl LDL cholesterol is a direct measurement.

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04580392
This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:37PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:49PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04580392

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:37PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:49PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST (LFT) , *SERUM*				
BILIRUBIN, TOTAL	0.62	mg/dL	0.3–1.2	DPD
BILIRUBIN CONJUGATED (DIRECT)	0.14	mg/dL	<0.2	DPD
BILIRUBIN (INDIRECT)	0.48	mg/dL	0.0-1.1	Dual Wavelength
ALANINE AMINOTRANSFERASE (ALT/SGPT)	17	U/L	<35	IFCC
ASPARTATE AMINOTRANSFERASE (AST/SGOT)	19.0	U/L	<35	IFCC
ALKALINE PHOSPHATASE	55.00	U/L	30-120	IFCC
PROTEIN, TOTAL	7.32	g/dL	6.6-8.3	Biuret
ALBUMIN	4.90	g/dL	3.5-5.2	BROMO CRESOL GREEN
GLOBULIN	2.42	g/dL	2.0-3.5	Calculated
A/G RATIO	**2.02**		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 > 1In Alcoholic Liver Disease AST: ALT usually >2. This ratio is also seen to be increased in NAFLD, Wilsons'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.

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04580392

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:37PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:49PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

• 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.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04580392

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:37PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:49PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT) , *SERUM*				
CREATININE	**0.60**	mg/dL	0.72 – 1.18	JAFFE METHOD
UREA	**12.10**	mg/dL	17-43	GLDH, Kinetic Assay
BLOOD UREA NITROGEN	**5.6**	mg/dL	8.0 - 23.0	Calculated
URIC ACID	3.94	mg/dL	2.6-6.0	Uricase PAP
CALCIUM	9.60	mg/dL	8.8-10.6	Arsenazo III
PHOSPHORUS, INORGANIC	4.26	mg/dL	2.5-4.5	Phosphomolybdate Complex
SODIUM	138	mmol/L	136–146	ISE (Indirect)
POTASSIUM	4.6	mmol/L	3.5–5.1	ISE (Indirect)
CHLORIDE	106	mmol/L	101–109	ISE (Indirect)

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04580392

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:37PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:38PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF BIOCHEMISTRY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
GAMMA GLUTAMYL TRANSPEPTIDASE (GGT) , *SERUM*	13.00	U/L	<38	IFCC

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SE04580392

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:38PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:34PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

Test Name	Result	Unit	Bio. Ref. Range	Method
THYROID PROFILE TOTAL (T3, T4, TSH) , *SERUM*				
TRI-IODOTHYRONINE (T3, TOTAL)	0.86	ng/mL	0.7-2.04	CLIA
THYROXINE (T4, TOTAL)	6.82	µg/dL	5.48-14.28	CLIA
THYROID STIMULATING HORMONE (TSH)	3.922	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

1. 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.

2. 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.

3. 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.

4. 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

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SPL23189328

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:11AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 02:38PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 03:34PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF IMMUNOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 2D ECHO - PAN INDIA - FY2324

High	High	High	High	Pituitary Adenoma; TSHoma/Thyrotropinoma

DR.SHIVARAJA SHETTY
M.B.B.S,M.D(Biochemistry)
CONSULTANT BIOCHEMIST

SIN No:SPL23189328

This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:10AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:57PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 02:30PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 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	6.0		5-7.5	DOUBLE INDICATOR
SP. GRAVITY	1.010		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	MODIFED EHRLICH REACTION
BLOOD	NEGATIVE		NEGATIVE	Peroxidase
NITRITE	NEGATIVE		NEGATIVE	Diazotization
LEUCOCYTE ESTERASE	POSITIVE ++		NEGATIVE	LEUCOCYTE ESTERASE
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	10-15	/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

Dr. Chinki Anupam
M.B.B.S,M.D(Pathology)
Consultant Pathologist

Dr.Shobha Emmanuel
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:UR2248619
This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Patient Name	: Mrs.CHALAMALASETTY UMA NAGA VARA JY	Collected	: 23/Dec/2023 10:10AM
Age/Gender	: 32 Y 6 M 4 D/F	Received	: 23/Dec/2023 12:57PM
UHID/MR No	: CMAR.0000335304	Reported	: 23/Dec/2023 02:12PM
Visit ID	: CMAROPV756025	Status	: Final Report
Ref Doctor	: Dr.SELF	Sponsor Name	: ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF CLINICAL PATHOLOGY

ARCOFEMI - MEDIWHEEL - FULL BODY HEALTH ANNUAL PLUS CHECK - FEMALE - 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

Dr. Chinki Anupam
M.B.B.S,M.D(Pathology)
Consultant Pathologist

Dr.Shobha Emmanuel
M.B.B.S,M.D(Pathology)
Consultant Pathologist

SIN No:UF010076
This test has been performed at Apollo Health & Lifestyle Ltd, RRL BANGALORE Laboratory

Apollo HOSPITALS

Apollo Medical Centre
Expertise. Closer to you.

Date : 23-12-2023
MR NO : CMAR.0000335304

Department : GENERAL
Doctor :

Name : Mr. Chalamalasetty Uma Naga Var

Registration No :
Qualification :

Age/ Gender : 32 Y / Male

Consultation Timing: 09:49

Height : 156cm.	Weight : 57.9 kg	BMI :	Waist Circum :
Temp :	Pulse : 84 b/M.	Resp :	B.P : 104/68 mm Hg

General Examination / Allergies History

Clinical Diagnosis & Management Plan

Follow up date:

Doctor Signature

GE MAC1200 ST CHALAMALASETTY UMA, 00335304, APOLLO
Female, 32 Years (19.06.1991)

HR 80 bpm

Measurement Results:

QRS		96	ms
QT/QTcB	388 /	450	ms
PR		130	ms
P		94	ms
RR/PP	744 /	740	ms
P/QRS/T	50/ 30/	25	degrees
QTD/QTcBD	72 /	83	ms
Sokolow		1.0	mV
NK		11	

< P
< T
< QRS

-90
aVR
aVL
0 I
III
+90
II
aVF

Interpretation:

low QRS amplitudes
probably abnormal ECG

Unconfirmed report.

I
II
III
aVR
aVL
aVF
II
V1
V2
V3
V4
V5
V6

[redacted] 23 Dec 2023 12:11:18 PM 25mm/s 10mm/mV ADS 50Hz 0.08 - 20Hz 6_F1_P Automatic V6.2.M121 (1)

Apollo Clinic

CONSENT FORM

Patient Name: Chalmalasetty Uma Naga Age: 32/F

UHID Number: 335304 Company Name: Arcofami

I Mr/Mrs/Ms Uma Naga Employee of Arcofami

(Company) Want to inform you that I am not interested in getting LBC

Tests done which is a part of my routine health check package.

And I claim the above statement in my full consciousness.

Patient Signature: Date: 23/12/23

Patient Name	: Mrs. Chalamalasetty Uma Naga Vara Jyothi	**Age/Gender**	: 32 Y/F
UHID/MR No.	: CMAR.0000335304	**OP Visit No**	: CMAROPV756025
Sample Collected on	:	**Reported on**	: 23-12-2023 17:05
LRN#	: RAD2188554	**Specimen**	:
Ref Doctor	: SELF		
Emp/Auth/TPA ID	: 308646		

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. NAVEEN KUMAR K
MBBS, DMRD Radiology, (DNB)
Radiology

Patient Name	: Mrs. Chalamalasetty Uma Naga Vara Jyothi	**Age/Gender**	: 32 Y/F
UHID/MR No.	: CMAR.0000335304	**OP Visit No**	: CMAROPV756025
Sample Collected on	:	**Reported on**	: 23-12-2023 12:51
LRN#	: RAD2188554	**Specimen**	:
Ref Doctor	: SELF		
Emp/Auth/TPA ID	: 308646		

DEPARTMENT OF RADIOLOGY

ULTRASOUND - WHOLE ABDOMEN

LIVER: Appears normal in size , shape and echopattern. No focal parenchymal lesions identified. No evidence of intra/extrahepatic biliary tree dilatation noted. Portal vein appears to be of normal size.

GALLBLADDER: Partially distended.No definite calculi identified in this state of distension . No evidence of abnormal wall thickening noted.

SPLEEN: Appears normal in size and shows normal echopattern. No focal parenchymal lesions identified.

PANCREAS: Head and body appears normal. Rest obscured by bowel gas.

KIDNEYS: Both kidneys appear normal in size, shape and echopattern. Corticomedullary differentiation appears maintained. No evidence of calculi or hydronephrosis on either side.
Right kidney measures 10.0cm and parenchymal thickness measures 1.5cm.
Left kidney measures 9.8cm and parenchymal thickness measures 1.4cm.

URINARY BLADDER: Distended and appears normal. No evidence of abnormal wall thickening noted.

UTERUS: appears normal in size, measuring 7.9x5.8x4.9cm. Myometrial echoes appear normal. The endometrial lining appears intact. Endometrium measures 9.7mm.

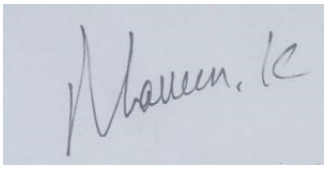
OVARIES: Both ovaries appear bulky in size and shows multiple tiny peripheral follicles with central echogenic stroma.
Right ovary measures 3.9x3.7x1.7cm. vol - 13.5cc.
Left ovary measures 3.7x3.2x2.2cm. vol - 14.3cc.

No free fluid is seen.

IMPRESSION:
BILATERAL POLYCYSTIC OVARIAN PATTERN.

Suggested clinical correlation and further evaluation if needed.

Report disclaimer :
1.Not all diseases/ pathologies can be detected in USG due to certain technical limitation , obesity, bowel gas , patient preparation and organ location .
2. USG scan being an investigation with technical limitation has to be correlated clinically;this report is not valid for medicolegal purpose
3.Printing mistakes should immediately be brought to notice for correction.



Dr. NAVEEN KUMAR K
MBBS, DMRD Radiology, (DNB)
Radiology

Patient Name	: Mrs. Chalamalasetty Uma Naga Vara Jyothi	Age	: 32 Y/F
UHID	: CMAR.0000335304	OP Visit No	: CMAROPV756025
Conducted By:	:	Conducted Date	: 23-12-2023 18:03
Referred By	: SELF		

ECHO (2D & COLOUR DOPPLER)

DIMENSIONS	VALUES	VALUES(RANGE)	DIMENSIONS	VALUES	VALUES(RANGE)
AO(ed)	26mm	25 - 37 mm	IVS(ed)	09mm	06 - 11 mm
LA(es)	33mm	19 - 40 mm	LVPW(ed)	09mm	06 - 11 mm
RVID(ed)	14mm	07 - 21 mm	EF	60 %	(50 – 70 %)
LVID(ed)	39mm	35 - 55 mm	%FD	30%	(25 – 40%)
LVID(es)	21mm	24 - 42 mm			

MORPHOLOGICAL DATA

Situs	Solitus
Cardiac position	Levocardia
Systemic veins	Normal
Pulmonary veins	Normal
Mitral valve	Normal
Aortic Valve	Normal
Tricuspid Valve	Normal
Pulmonary Valve	Normal
Right Ventricle	Normal
Left Ventricle	Normal
Interatrial Septum	Intact
Interventricular Septum	Intact
Pulmonary Artery	Normal
Aorta	Normal
Right Atrium	Normal
Left Atrium	Normal

Patient Name	: Mrs. Chalamalasetty Uma Naga Vara Jyothi	Age	: 32 Y/F
UHID	: CMAR.0000335304	OP Visit No	: CMAROPV756025
Conducted By:	:	Conducted Date	: 23-12-2023 18:03
Referred By	: SELF		

LV – RWMA	No RWMA at rest.
LV – FUNCTION	Normal systolic function
Pericardium	Normal Study
Doppler Studies	Normal
Doppler Summary	Normal
Rhythm	Sinus
IMPRESSION	Normal cardiac chambers Normal valves Normal LV Systolic function No pulmonary hypertension No RWMA at rest Normal pericardium, No intracardiac masses / thrombi

Dr. Kapil Rangan
Consultant Cardiologist
KMC No. 88625