

Patient Name : Mrs.VIJAYA H K	Collected : 28/Sep/2023 09:07AM
Age/Gender : 33 Y 2 M 8 D/F	Received : 28/Sep/2023 10:31AM
UHID/MR No : CMYS.0000058061	Reported : 28/Sep/2023 10:57AM
Visit ID : CMYSOPV117900	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 228169924852	

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	97	mg/dl	74-106	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 $> \text{ or } = 126 \text{ mg/dL}$ 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.



Patient Name : Mrs.VIJAYA H K	Collected : 28/Sep/2023 09:07AM
Age/Gender : 33 Y 2 M 8 D/F	Received : 28/Sep/2023 10:31AM
UHID/MR No : CMYS.0000058061	Reported : 28/Sep/2023 11:45AM
Visit ID : CMYSOPV117900	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 228169924852	

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)	0.91	ng/mL	0.64-1.52	CMIA
THYROXINE (T4, TOTAL)	8.39	µg/dL	4.87-11.72	CMIA
THYROID STIMULATING HORMONE (TSH)	2.240	µIU/mL	0.35-4.94	CMIA

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

*** End Of Report ***

Result/s to Follow:

BLOOD GROUP ABO AND RH FACTOR, LIPID PROFILE, GLUCOSE (POST PRANDIAL) - URINE, LIVER FUNCTION TEST (LFT), PERIPHERAL

Patient Name : Mrs.VIJAYA H K	Collected : 28/Sep/2023 09:07AM
Age/Gender : 33 Y 2 M 8 D/F	Received : 28/Sep/2023 10:31AM
UHID/MR No : CMYS.0000058061	Reported : 28/Sep/2023 11:45AM
Visit ID : CMYSOPV117900	Status : Final Report
Ref Doctor : Dr.SELF	Sponsor Name : ARCOFEMI HEALTHCARE LIMITED
Emp/Auth/TPA ID : 228169924852	

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
-----------	--------	------	-----------------	--------

SMEAR, RENAL PROFILE/KIDNEY FUNCTION TEST (RFT/KFT), GLUCOSE (FASTING) - URINE, COMPLETE URINE EXAMINATION (CUE), HBA1C (GLYCATED HEMOGLOBIN), HEMOGRAM, GAMMA GLUTAMYL TRANFERASE (GGT), GLUCOSE, POST PRANDIAL (PP), 2 HOURS (POST MEAL), LBC PAP TEST (PAPSURE)



Dr. PAVAN KUMAR M
M.B.B.S,M.D(Pathology)
Consultant Pathologist

