

REPORT

Name	: Mrs. L HEMALATHA	Sample ID	: A0590769
Age/Gender	: 28 Years/Female	Reg. No	: 0312408110005
Referred by	: Dr. GANDI HOSPITAL	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Aug-2024 09:59 AM
Primary Sample	: Whole Blood	Received On	: 11-Aug-2024 03:35 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 11-Aug-2024 05:04 PM
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	10.9	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	32.8	%	40-50	Calculated
RBC Count	4.25	10 ¹² /L	3.8-4.8	Cell Impedence
MCV	77	fl	81-101	Calculated
MCH	25.6	pg	27-32	Calculated
MCHC	33.2	g/dL	32.5-34.5	Calculated
RDW-CV	13.6	%	11.6-14.0	Calculated
Platelet Count (PLT)	271	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	10.0	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	70	%	40-70	Cell Impedence
Lymphocytes	22	%	20-40	Cell Impedence
Monocytes	06	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	0	%	1-2	Microscopy
Absolute Neutrophils Count	7	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	2.2	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.6	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.2	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic			PAPs Staining

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mrs. L HEMALATHA	Sample ID	: A0590768
Age/Gender	: 28 Years/Female	Reg. No	: 0312408110005
Referred by	: Dr. GANDI HOSPITAL	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Aug-2024 09:59 AM
Primary Sample	: Whole Blood	Received On	: 11-Aug-2024 03:35 PM
Sample Tested In	: Serum	Reported On	: 11-Aug-2024 04:56 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Thyroid Profile-I(TFT)				
T3 (Triiodothyronine)	131.24	ng/dL	70-204	CLIA
T4 (Thyroxine)	6.9	µg/dL	3.2-12.6	CLIA
TSH -Thyroid Stimulating Hormone	3.30	µIU/mL	0.35-5.5	CLIA

Pregnancy & Cord Blood

T3 (Triiodothyronine):	T4 (Thyroxine)	TSH (Thyroid Stimulating Hormone)
First Trimester : 81-190 ng/dL	15 to 40 weeks:9.1-14.0 µg/dL	First Trimester : 0.24-2.99 µIU/mL
Second&Third Trimester :100-260 ng/dL		Second Trimester: 0.46-2.95 µIU/mL
		Third Trimester : 0.43-2.78 µIU/mL
Cord Blood: 30-70 ng/dL	Cord Blood: 7.4-13.0 µg/dL	Cord Blood: : 2.3-13.2 µIU/mL

Interpretation:

- Thyroid gland is a butterfly-shaped endocrine gland that is normally located in the lower front of the neck. The thyroid's job is to make thyroid hormones, which are secreted into the blood and then carried to every tissue in the body. Thyroid hormones help the body use energy, stay warm and keep the brain, heart, muscles, and other organs working as they should.
- Thyroid produces two major hormones: triiodothyronine (T3) and thyroxine (T4). If thyroid gland doesn't produce enough of these hormones, you may experience symptoms such as weight gain, lack of energy, and depression. This condition is called hypothyroidism.
- Thyroid gland produces too many hormones, you may experience weight loss, high levels of anxiety, tremors, and a sense of being on a high. This is called hyperthyroidism.
- TSH interacts with specific cell receptors on the thyroid cell surface and exerts two main actions. The first action is to stimulate cell reproduction and hypertrophy. Secondly, TSH stimulates the thyroid gland to synthesize and secrete T3 and T4.
- The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Mrs. L HEMALATHA	Sample ID	: A0590745
Age/Gender	: 28 Years/Female	Reg. No	: 0312408110005
Referred by	: Dr. GANDI HOSPITAL	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Aug-2024 09:59 AM
Primary Sample	:	Received On	: 11-Aug-2024 03:18 PM
Sample Tested In	: Urine	Reported On	: 11-Aug-2024 05:45 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL PATHOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Urine Analysis (CUE)				
Physical Examination				
Colour	Pale Yellow		Straw to light amber	
Appearance	Clear		Clear	
Chemical Examination				
Glucose	Negative		Negative	Strip Reflectance
Protein	Absent		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.025		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	7.0		5.0 - 8.5	Reagent Strip Reflectance
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
Microscopic Examination (Microscopy)				
PUS(WBC) Cells	03-04	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy

Comments :Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections,diabetes, hypertension and drug toxicity.

Correlate Clinically.

Laboratory is NABL Accredited

*** End Of Report ***



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY