

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

REPORT

Name: Mrs. BHAGYAMSample ID: A0013490Age/Gender: 38 Years/FemaleReg. No: 0312402160020Referred by: Dr. SELFSPP Code: SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 16-Feb-2024 11:28 AM
Primary Sample : Whole Blood Received On : 16-Feb-2024 12:17 PM

Sample Tested In : Whole Blood EDTA Reported On : 16-Feb-2024 02:11 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)	10.2	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	31.9	%	40-50	Calculated
RBC Count	3.92	10^12/L	4.5-5.5	Cell Impedence
MCV	81	fl	81-101	Calculated
MCH	26.0	pg	27-32	Calculated
MCHC	31.9	g/dL	32.5-34.5	Calculated
RDW-CV	14.7	%	11.6-14.0	Calculated
Platelet Count (PLT)	257	10^9/L	150-410	Cell Impedance
Total WBC Count	8.1	10^9/L	4.0-10.0	Impedance
Differential Leucocyte Count (DC)				
Neutrophils	59	%	40-70	Cell Impedence
Lymphocytes	35	%	20-40	Cell Impedence
Monocytes	03	%	2-10	Microscopy
Eosinophils	03	%	1-6	Microscopy
Basophils	0	%	1-2	Microscopy
Absolute Neutrophils Count	4.78	10^9/L	2.0-7.0	Impedence
Absolute Lymphocyte Count	2.84	10^9/L	1.0-3.0	Impedence
Absolute Monocyte Count	0.24	10^9/L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.24	10^9/L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10^9/L	0.0-0.3	Calculated

Normocytic normochromic blood picture



Morphology





Swarnabala - M DR.SWARNA BALA MD PATHOLOGY

PAPs Staining



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REPORT

Name : Mrs. BHAGYAM

Age/Gender : 38 Years/Female Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS

Primary Sample : Whole Blood

Sample Tested In : Plasma-NaF(R)

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

Sample ID : A0013488

Reg. No : 0312402160020

SPP Code : SPL-CV-172

Collected On : 16-Feb-2024 11:28 AM

Received On : 16-Feb-2024 12:08 PM

Reported On : 16-Feb-2024 01:27 PM

Report Status : Final Report

CLINICAL BIOCHEMISTRY

GLUCOSE RANDOM (RBS)

Test Name Results Units Ref. Range Method

Glucose Random (RBS) 80 mg/dL 70-140 Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

	3	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	>= 200		>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited











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REPORT

Name : Mrs. BHAGYAM Sample ID : A0013489 Age/Gender : 38 Years/Female Reg. No : 0312402160020

Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 16-Feb-2024 11:28 AM
Primary Sample : Whole Blood Received On : 16-Feb-2024 12:11 PM

Sample Tested In : Serum Reported On : 16-Feb-2024 01:16 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)	91.66	ng/dL	70-204	CLIA	
T4 (Thyroxine)	8.6	μg/dL	3.2-12.6	CLIA	
TSH -Thyroid Stimulating Hormone	2.22	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.

Correlate Clinically.

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*** End Of Report ***







DR. VAISHNAVI MD BIOCHEMISTRY