

LABORATORY TEST REPORT

Name	: Mrs. FARZANA BEGUM		
Sample ID	: A1309861		
Age/Gender	: 25 Years/Female	Reg. No	: 0312502020016
Referred by	: Dr. P SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	:	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Capillary Tube	Reported On	: 02-Feb-2025 04:14 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
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Bleeding Time & Clotting Time

Bleeding Time (BT) <small>(Method: Capillary Method)</small>	03:30	Minutes	2 - 5
Clotting Time (CT) <small>(Method: Capillary Method)</small>	05:50	Minutes	3 - 7



LABORATORY TEST REPORT

Name	: Mrs. FARZANA BEGUM		
Sample ID	: A1309858		
Age/Gender	: 25 Years/Female	Reg. No	: 0312502020016
Referred by	: Dr. P SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	: Whole Blood	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 02-Feb-2025 04:41 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
Blood Grouping (A B O) <small>(Method: Tube Agglutination)</small>	AB		
Rh Typing <small>(Method: Tube Agglutination)</small>	Positive		

Comments:

Blood group ABO & Rh test identifies your blood group & type of Rh factor. There are four major blood groups- A, B, AB, and O. It is important to know your blood group as you may need a transfusion of blood or blood components; you may want to donate your blood ; before or during a woman's pregnancy to determine the risk of Rh mismatch with the fetus.

Note: Both Forward and Reverse Grouping Performed .

*** End Of Report ***



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Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY










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Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	: Whole Blood	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 02-Feb-2025 04:39 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report












HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
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Complete Blood Picture(CBP)

 Haemoglobin (Hb) (Method: Cymeth Method)	11.4	g/dL	12-15
 Haematocrit (HCT) (Method: Calculated)	36.4	%	40-50
 RBC Count (Method: Cell Impedance)	4.75	10 ¹² /L	3.8-4.8
 MCV (Method: Calculated)	77	fl	81-101
 MCH (Method: Calculated)	24.5	pg	27-32
 MCHC (Method: Calculated)	31.3	g/dL	32.5-34.5
 RDW-CV (Method: Calculated)	13.8	%	11.6-14.0
 Platelet Count (PLT) (Method: Cell Impedance)	194	10 ⁹ /L	150-410
 Total WBC Count (Method: Impedance)	10.0	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils (Method: Cell Impedance)	67	%	40-70
 Lymphocytes (Method: Cell Impedance)	26	%	20-40
 Monocytes (Method: Microscopy)	05	%	2-10
 Eosinophils (Method: Microscopy)	02	%	1-6
 Basophils (Method: Microscopy)	00	%	1-2
 Absolute Neutrophils Count (Method: Impedance)	6.7	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count (Method: Impedance)	2.6	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count (Method: Calculated)	0.5	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count (Method: Calculated)	0.2	10 ⁹ /L	0.02-0.5
 Absolute Basophil ICount (Method: Calculated)	0.00	10 ⁹ /L	0.0-0.3

Morphology
 (Method: PAPs Staining)

Anisocytosis with Microcytic Hypochromic anemia

*** End Of Report ***




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Referred by	: Dr. P SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	: Whole Blood	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 02-Feb-2025 05:03 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
 Erythrocyte Sedimentation Rate (ESR) (Method: Westergren method)	17	mm/hr	10 or less



LABORATORY TEST REPORT

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Age/Gender	: 25 Years/Female	Reg. No	: 0312502020016
Referred by	: Dr. P SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	:	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Urine	Reported On	: 02-Feb-2025 04:09 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL PATHOLOGY

Test Name	Results	Units	Biological Reference Interval
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Complete Urine Analysis (CUE)
Physical Examination

Colour	Pale Yellow	Straw to light amber
Appearance	HAZY	Clear

Chemical Examination

Glucose <small>(Method: Strip Reflectance)</small>	Negative	Negative
Protein <small>(Method: Strip Reflectance)</small>	Negative	Negative
Bilirubin (Bile) <small>(Method: Strip Reflectance)</small>	Negative	Negative
Urobilinogen <small>(Method: Ehrlichs reagent)</small>	Negative	Negative
Ketone Bodies <small>(Method: Strip Reflectance)</small>	Negative	Negative
Specific Gravity <small>(Method: Strip Reflectance)</small>	1.015	1.000 - 1.030
Blood <small>(Method: Strip Reflectance)</small>	Negative	Negative
Reaction (pH) <small>(Method: Reagent Strip Reflectance)</small>	6.0	5.0 - 8.5
Nitrites <small>(Method: Strip Reflectance)</small>	Negative	Negative
Leukocyte esterase <small>(Method: Reagent Strip Reflectance)</small>	Negative	Negative

Microscopic Examination (Microscopy)

PUS(WBC) Cells <small>(Method: Microscopy)</small>	01-02	/hpf	00-05
R.B.C. <small>(Method: Microscopic)</small>	Nil	/hpf	Nil
Epithelial Cells <small>(Method: Microscopic)</small>	02-03	/hpf	00-05
Casts <small>(Method: Microscopic)</small>	Absent		Absent
Crystals <small>(Method: Microscopic)</small>	Absent		Absent
Bacteria	Nil		Nil
Budding Yeast Cells <small>(Method: Microscopy)</small>	Nil		Absent

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.


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 Swarnabala - M
 DR.SWARNA BALA
 MD PATHOLOGY

LABORATORY TEST REPORT

Name	: Mrs. FARZANA BEGUM		
Sample ID	: A1309859		
Age/Gender	: 25 Years/Female	Reg. No	: 0312502020016
Referred by	: Dr. P SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	: Whole Blood	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Plasma-NaF(R)	Reported On	: 02-Feb-2025 05:33 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY
GLUCOSE RANDOM (RBS)

Test Name	Results	Units	Biological Reference Interval
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Glucose Random (RBS)	96	mg/dL	70-140
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(Method: Hexokinase (HK))

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	Fasting Plasma Glucose(mg/dL)	2hrs Plasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

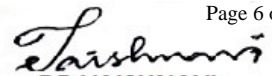
Reference: Diabetes care 2018:41(suppl.1):S13-S27

- 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.

*** End Of Report ***

Excellence In Health Care




DR. VAISHNAVI
MD BIOCHEMISTRY

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LABORATORY TEST REPORT

Name	: Mrs. FARZANA BEGUM		
Sample ID	: A1309860		
Age/Gender	: 25 Years/Female	Reg. No	: 0312502020016
Referred by	: Dr. P SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 02-Feb-2025 12:53 PM
Primary Sample	: Whole Blood	Received On	: 02-Feb-2025 03:47 PM
Sample Tested In	: Serum	Reported On	: 02-Feb-2025 06:27 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
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Thyroid Profile-I(TFT)

 T3 (Triiodothyronine) <small>(Method: CLIA)</small>	100.32	ng/dL	70-204
 T4 (Thyroxine) <small>(Method: CLIA)</small>	6.2	µg/dL	3.2-12.6
 TSH -Thyroid Stimulating Hormone <small>(Method: CLIA)</small>	5.59	µIU/mL	0.35-5.5

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.

*** End Of Report ***




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