

**REPORT**

Name	: Mrs. AKSHITHA	Sample ID	: A0643526
Age/Gender	: 32 Years/Female	Reg. No	: 0312406240026
Referred by	: Dr. SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 10:04 AM
Primary Sample	:	Received On	: 24-Jun-2024 12:45 PM
Sample Tested In	: Urine	Reported On	: 24-Jun-2024 02:50 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

**GLUCOSE FASTING**

Test Name	Results	Units	Ref. Range	Method
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<b>Fasting Urine Glucose</b>	Negative		Negative	Automated Strip Test
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*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**



**REPORT**

Name	: Mrs. AKSHITHA	Sample ID	: A0643521
Age/Gender	: 32 Years/Female	Reg. No	: 0312406240026
Referred by	: Dr. SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 10:04 AM
Primary Sample	: Whole Blood	Received On	: 24-Jun-2024 12:56 PM
Sample Tested In	: Serum	Reported On	: 24-Jun-2024 02:26 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Thyroid Profile-I(TFT)</b>				
<b>T3 (Triiodothyronine)</b>	114.36	ng/dL	70-204	CLIA
<b>T4 (Thyroxine)</b>	9.5	µg/dL	3.2-12.6	CLIA
<b>TSH -Thyroid Stimulating Hormone</b>	3.23	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.



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Referred by	: Dr. SUNITHA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 10:04 AM
Primary Sample	:	Received On	: 24-Jun-2024 12:45 PM
Sample Tested In	: Urine	Reported On	: 24-Jun-2024 01:08 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL PATHOLOGY**

Test Name	Results	Units	Ref. Range	Method
<b>Complete Urine Analysis (CUE)</b>				
<b>Physical Examination</b>				
Colour	Pale Yellow		Straw to light amber	
Appearance	Clear		Clear	
<b>Chemical Examination</b>				
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	1.005		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	5.5		5.0 - 8.5	Reagent Strip Reflectance
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
<b>Microscopic Examination (Microscopy)</b>				
PUS(WBC) Cells	02-03	/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  
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