



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)

LABORATORY TEST REPORT

Name : Mrs. RAMA Sample ID : A1842184

: 65 Years/Female Reg. No : 0312503280002

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

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 28-Mar-2025 07:08 AM
Primary Sample : Whole Blood Received On : 28-Mar-2025 12:44 PM
Sample Tested In : Whole Blood EDTA Reported On : 28-Mar-2025 02:14 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) O

(Method: Tube Agglutination)

Rh Typing Positive

Comments:

Age/Gender

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 .

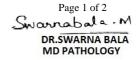
*** End Of Report ***

Excellence In Health Care













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

REPORT LABORATORY TEST

Name : Mrs. RAMA Sample ID : A1842160

> Reg. No : 0312503280002

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

Referring Customer : V CARE MEDICAL DIAGNOSTICS

Age/Gender

Test Name

Collected On : 28-Mar-2025 07:08 AM Received On : 28-Mar-2025 12:51 PM

Primary Sample : Whole Blood Sample Tested In : Serum

Reported On

: 28-Mar-2025 04:57 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

: 65 Years/Female

Report Status : Final Report

Biological Reference Interval

CLINICAL	BIOCH	EMISTRY
Results	Units	Biolo

			J
Thyroid Profile-I(TFT)			
T3 (Triiodothyronine)	. 118	3.01 ng/dL	40-181
T4 (Thyroxine)	7.9	μg/dL	3.2-12.6
(Method: CLIA)	6.8	5 μIU/mL	0.50-8.9

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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