

**REPORT**

Name	: Mr. C H RAMANA REDDY	Sample ID	: 24754168
Age/Gender	: 69 Years/Male	Reg. No	: 0312312150008
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Dec-2023 09:01 AM
Primary Sample	: Whole Blood	Received On	: 15-Dec-2023 02:09 PM
Sample Tested In	: Serum	Reported On	: 15-Dec-2023 03:24 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>C-Reactive protein-(CRP)</b>	0.9	mg/L	Upto:6.0	Immunoturbidimetry

**Interpretation:**

C-reactive protein (CRP) is produced by the liver. The level of CRP rises when there is inflammation throughout the body. It is one of a group of proteins called acute phase reactants that go up in response to inflammation. The levels of acute phase reactants increase in response to certain inflammatory proteins called cytokines. These proteins are produced by white blood cells during inflammation.

A positive test means you have inflammation in the body. This may be due to a variety of conditions, including:

- Connective tissue disease
- Heart attack
- Infection
- Inflammatory bowel disease (IBD)
- Lupus
- Pneumonia
- Rheumatoid arthritis

\*\*\* End Of Report \*\*\*



*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mr. C H RAMANA REDDY	Sample ID	: 24754165
Age/Gender	: 69 Years/Male	Reg. No	: 0312312150008
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Dec-2023 09:01 AM
Primary Sample	: Whole Blood	Received On	: 15-Dec-2023 02:09 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 15-Dec-2023 02:32 PM
Client Address	: Kimtee colony ,Gokul Nagar ,Tarnaka	Report Status	: Final Report

**HAEMATOLOGY**

Test Name	Results	Units	Ref. Range	Method
<b>Complete Blood Picture(CBP)</b>				
Haemoglobin (Hb)	13.4	g/dL	13-17	Cynmeth Method
Haematocrit (HCT)	40.4	%	40-50	Calculated
RBC Count	4.65	10 <sup>12</sup> /L	4.5-5.5	Cell Impedance
MCV	87	fl	81-101	Calculated
MCH	28.9	pg	27-32	Calculated
MCHC	33.3	g/dL	32.5-34.5	Calculated
RDW-CV	13.0	%	11.6-14.0	Calculated
Platelet Count (PLT)	246	10 <sup>9</sup> /L	150-410	Cell Impedance
Total WBC Count	7.1	10 <sup>9</sup> /L	4.0-10.0	Impedance
<b>Differential Leucocyte Count (DC)</b>				
Neutrophils	51	%	40-70	Cell Impedance
Lymphocytes	40	%	20-40	Cell Impedance
Monocytes	06	%	2-10	Microscopy
Eosinophils	03	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	3.62	10 <sup>9</sup> /L	2.0-7.0	Impedance
Absolute Lymphocyte Count	2.84	10 <sup>9</sup> /L	1.0-3.0	Impedance
Absolute Monocyte Count	0.43	10 <sup>9</sup> /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.21	10 <sup>9</sup> /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 <sup>9</sup> /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic blood picture			PAPs Staining

\*\*\* End Of Report \*\*\*

Laboratory is NABL Accredited



\*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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Swarnabala .M  
DR.SWARNABALA  
MD PATHOLOGY

**REPORT**

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Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 15-Dec-2023 09:01 AM
Primary Sample	: Whole Blood	Received On	: 15-Dec-2023 02:09 PM
Sample Tested In	: Serum	Reported On	: 15-Dec-2023 03:15 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>	95.26	ng/dL	40-181	CLIA
<b>T4 (Thyroxine)</b>	5.6	µg/dL	3.2-12.6	CLIA
<b>TSH -Thyroid Stimulating Hormone</b>	3.64	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 \*\*\*



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**MD BIOCHEMISTRY**

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