Regional Laboratory - H.No:18-8-40D,1st Floor,103,Shreve Vigneyshwara Towers, Beside Key Vihar Hotel, Tirupathi, A.P.
Ph:- 04061216121

Patient Name	: Ms. A.SUJITHA	Reg. No.	: 00792609130115
Age and Sex	: 23 Yrs / Female	PCC Code	: PCL-AP-276
Referring Doctor	: Self	Sample Drawn Date	: 13-Sep-2026 12:00 PM
Referring Customer	: DEVI	Registration Date	: 13-Sep-2026 12:30 PM
Vial ID	: W3947078	Report Date	: 13-Sep-2026 12:37 PM
Sample Type	*: Serum*	Report Status	: Final Report
Client Address	*: 13-12/1 LB NAGAR M.R PALLI TIRUPATHI*		

CLINICAL BIOCHEMISTRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals (Age/Gender specific)	Method
Thyroid Profile I				
Tri-Iodothyronine Total (TT3)	131.50	ng/dL	70-204	CLIA
Thyroxine - Total (TT4)	10.37	µg/dL	4.6-10.5	CMIA
Thyroid Stimulating Hormone (TSH)	2.3214	µIU/mL	0.4-4.2	CMIA

Pregnancy			
	TSH(µIU/mL)	TT3(ng/dL)	TT4(µg/dL)
1 Trimester	0.10-2.50	89.9-196.6	4.4-11.5
2 Trimester	0.2-3.00	86.1-217.4	4.9-12.2
3 Trimester	0.3-3.00	79.9-186	5.1-13.2

Interpretation:

- Assay results should be interpreted in context to the clinical condition and associated results of other investigations.
- Previous treatment with corticosteroid therapy may result in lower TSH levels while Thyroid hormone levels are normal.
- Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test.
- Abnormal thyroid test findings often found in critically ill clients should be repeated after the critical nature of the condition is resolved.
- The production, circulation, and disposal of Thyroid hormone are altered throughout the stages of pregnancy.
- **Hyperthyroidism (overactive thyroid):**
  Hyperthyroidism (overactive Thyroid) occurs when your thyroid gland produces too much of the hormone Thyroxine. Hyperthyroidism can accelerate your bodys metabolism, causing unintentional weight loss and a rapid or irregular heartbeat.
- **Hypothyroidism (underactive thyroid):**
  Hypothyroidism (underactive thyroid) is a condition in which your Thyroid gland doesnt produce enough of certain crucial hormones. Hypothyroidism may not cause noticeable symptoms in the early stages. Over time, untreated Hypothyroidism can cause a number of health problems, such as obesity, joint pain, infertility and heart disease.

DR. SUJATHA C.
MD PATHOLOGY

Note: If the test results are alarming or unexpected,Client is advised to contact the laboratory immediately for possible remedial action.

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CLINICAL BIOCHEMISTRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals (Age/Gender specific)	Method
***Vitamin - B12**	**132**	pg/mL	187-883	CMIA

Comments:

- Vitamin B12 is essential in DNA synthesis Hematopoiesis, and Central Nervous System integrity.
- Its absorption depends on the presence of intrinsic factor (IF) and may be due to lack of IF secretion by gastric mucosa.
- Vitamin B12 deficiency frequently causes Macrocytic Anemia, Glossitis, Pheripheral Neuropathy, Weakness, Hyperflexia, Ataxia, Loss of Proprioception, poor coordination and effective behavioural changes. A significant increase in RBC MCV may be an important indicator of Vitamin B12 deficiency.

***25 - Hydroxy Vitamin D- Serum**	**10.1**	ng/mL	Deficiency - < 20 Insufficiency - 20 -30 Sufficiency - 30 - 100 Toxicity - >100	CLIA

Comments:

- 25 OH Vitamin D is total of Vitamin D in Bone and mineral metabolism was recognized from its first identification as a factor that could cure rickets. However, Vitamin D is now recognized as a prohormone which has multiple roles in maintaining optimal health.
- Vitamin D toxicity is a recognized problem but a rare occurrence. Instead, a recent growing public health problem is Vitamin D insufficiency.

Correlate Clinically. Result rechecked and verified for abnormal cases.

*** End Of Report ***

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MD PATHOLOGY

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