

# 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 : Ms. MANASVI Sample ID : B2623299

> : 0312505100038 Reg. No

Age/Gender Referred by : Dr. Nivedita Ashrit MD (Obs/Gyn)

: 20 Years/Female

SPP Code : SPL-CV-172 Collected On : 10-May-2025 12:30 PM

Referring Customer: V CARE MEDICAL DIAGNOSTICS Primary Sample : Whole Blood

Received On : 10-May-2025 03:45 PM : 10-May-2025 04:21 PM Reported On

Sample Tested In : Whole Blood EDTA Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

: Final Report Report Status

HAEMATOLOGY				
Test Name	Results	Units	Biological Reference Interval	
Complete Blood Picture(CBP)				
	13.4	g/dL	12-15	
(Method: Cynmeth Method)	40.0	%	40-50	
(Method: Calculated)	4.29	10^12/L	3.8-4.8	
(Method: Cell Impedence)				
MCV (Method: Calculated)	93	fl	81-101	
MCH (Method: Calculated)	31.1	pg	27-32	
MCHC (Method: Calculated)	33.4	g/dL	32.5-34.5	
RDW-CV (Method: Calculated)	12.8	%	11.6-14.0	
Platelet Count (PLT) (Method: Cell Impedance )	345	10^9/L	150-410	
(Method: Impedance) (Method: Impedance)	9.2	10^9/L	4.0-10.0	
Differential Leucocyte Count (DC)				
Neutrophils (Method: Cell Impedence)	<u>73</u>	%	40-70	
Lymphocytes (Method: Cell Impedence)	21	%	20-40	
Monocytes (Method: Microscopy)	05	%	2-10	
Eosinophils (Method: Microscopy)	01	%	1-6	
Basophils (Method: Microscopy)	00	%	1-2	
Absolute Neutrophils Count (Method: Impedence)	6.72	10^9/L	2.0-7.0	
Absolute Lymphocyte Count	1.93	10^9/L	1.0-3.0	
(Method: Calculated)	0.46	10^9/L	0.2-1.0	
Absolute Eosinophils Count     (Method: Calculated)	0.09	10^9/L	0.02-0.5	
Absolute Basophil ICount (Method: Calculated)	0.00	10^9/L	0.0-0.3	
Morphology (Method: PAPs Stalining )	Normocytic n	ormochromic.N	Mild Neutrophulia. Adequate.	







Page 1 of 3 Swarnabala.M DR.SWARNA BALA **MD PATHOLOGY** 



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#### LABORATORY TEST REPORT

Name : Ms. MANASVI Sample ID : B2623369

Age/Gender : 20 Years/Female

Reg. No : 0312505100038

Referred by : Dr. Nivedita Ashrit MD (Obs/Gyn) SPP Code : SPL-CV-172 : V CARE MEDICAL DIAGNOSTICS Referring Customer Collected On : 10-May-2025 12:30 PM

Primary Sample Received On : 10-May-2025 03:45 PM

Sample Tested In Reported On : 10-May-2025 04:50 PM : Urine Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

**CLINICAL PATHOLOGY** 

Test Name	Results	Units	Biological Reference Interval

### **Complete Urine Analysis (CUE)**

**Physical Examination** 

Colour Pale Yellow Straw to light amber

Clear **Appearance** Clear

**Chemical Examination** 

Negative Negative Glucose

Protein Negative Negative Negative Negative Bilirubin (Bile)

Negative Negative Urobilinogen Ketone Bodies Negative Negative

Specific Gravity 1.015 1.000 - 1.030

Blood Negative Negative 6.5 5.0 - 8.5Reaction (pH)

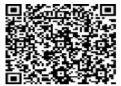
**Nitrites** Negative Negative

Negative Negative Leukocyte esterase

Microscopic Examination (Microscopy)

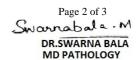
PUS(WBC) Cells 02-04 00-05 /hpf R.B.C. Nil Nil /hpf **Epithelial Cells** 02-03 /hpf 00-05 Absent Absent Casts Absent Crystals Absent Bacteria Nil Nil **Budding Yeast Cells** Nil Absent

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.













Referring Customer: V CARE MEDICAL DIAGNOSTICS

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#### LABORATORY TEST **REPORT**

Name : Ms. MANASVI Sample ID : B2623298

> Reg. No : 0312505100038

Age/Gender : 20 Years/Female Referred by : Dr. Nivedita Ashrit MD (Obs/Gyn) SPP Code : SPL-CV-172

> Collected On : 10-May-2025 12:30 PM

Primary Sample : Whole Blood Received On : 10-May-2025 03:45 PM Sample Tested In Reported On : 10-May-2025 05:19 PM : Serum

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY

TSH -Thyroid Stimulating Hormone 2.06 µIU/mL 0.35-5.5

Pregnancy	&	Cord	Blood
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		TSH (Thyroid Stimulating Hormone (µIU/mL)
First Trimester	: 0.24-2.99	
Second Trimester	: 0.46-2.95	
Third Trimester	: 0.43-2.78	
Cord Blood	: 2.3-13.2	

- TSH is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production.
- 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
- TRH stimulation differentiates secondary and tertiary hypothyroidism by observing the change in patient TSH levels. Typically, the TSH response to TRH stimulation is absent in cases of secondary hypothyroidism, and normal to exaggerated in tertiary hypothyroidism
- Historically, TRH stimulation has been used to confirm primary hyperthyroidism, indicated by elevated T3 and T4 levels and low or undetectable TSH levels. TSH assays with increased sensitivity and specificity provide a primary diagnostic tool to differentiate hyperthyroid from euthyroid patients.

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









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