



		Chopra / & Microbiology) onsultant Pathologist	Dr. Yugam MD ( CEO & Consultant	(Pathology)
NAME	: Mrs. POOJA			
AGE/ GENDER	: 44 YRS/FEMALE	PATI	ENT ID	: 1728143
COLLECTED BY	:	REG.	NO./LAB NO.	: 012501190017
<b>REFERRED BY</b>	:	REGIS	STRATION DATE	: 19/Jan/2025 10:09 AM
BARCODE NO.	: 01524080	COLL	ECTION DATE	: 19/Jan/2025 10:11AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 19/Jan/2025 10:54AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
HAEMOGLOBIN (H by CALORIMETRIC INTERPRETATION:-		12.3	gm/dL	12.0 - 16.0
by CALORIMETRIC <u>INTERPRETATION:-</u> Hemoglobin is the pr tissues back to the lu A low hemoglobin lev <b>ANEMIA (DECRESED</b> 1) Loss of blood (trau 2) Nutritional deficie	rotein molecule in red blood ce ings. vel is referred to as ANEMIA or <b>HAEMOGLOBIN):</b> umatic injury, surgery, bleedin ncy (iron, vitamin B12, folate)	Ils that carries oxygen from low red blood count. g, colon cancer or stomach	n the lungs to the bo	12.0 - 16.0 dys tissues and returns carbon dioxide from t
by CALORIMETRIC INTERPRETATION:- Hemoglobin is the pr tissues back to the lu A low hemoglobin lew ANEMIA (DECRESED I 1) Loss of blood (trau 2) Nutritional deficie 3) Bone marrow prob 4) Suppression by rea 5) Kidney failure 6) Abnormal hemogle POLYCYTHEMIA (INCE	otein molecule in red blood ceings. yel is referred to as ANEMIA or <b>HAEMOGLOBIN):</b> umatic injury, surgery, bleeding incy (iron, vitamin B12, folate) blems (replacement of bone ma d blood cell synthesis by chem obin structure (sickle cell aner <b>REASED HAEMOGLOBIN):</b> Ititudes (Physiological)	ells that carries oxygen from low red blood count. g, colon cancer or stomach arrow by cancer) otherapy drugs	n the lungs to the bo	

## NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





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Page 1 of 3





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	TING HORMONE (TSH): SEI			
THYROID STIMUL by CMIA (CHEMILUMIN 3rd GENERATION, ULT <b>ADVICE</b>	ATING HORMONE (TSH): SEL	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY)	DLOGY HORMONE (TS	<b>SH)</b> 0.35 - 5.50
THYROID STIMUL by cmia (chemilumin Brd generation, ult <b>ADVICE</b>	ATING HORMONE (TSH): SEL	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY) KINDLY CORR	DLOGY HORMONE (TS µIU/mL ELATE CLINICALI	SH) 0.35 - 5.50 LY
THYROID STIMUL by cmia (chemilumin Brd generation, ult <b>ADVICE</b>	TING HORMONE (TSH): SEI iescent microparticle immund rasensitive	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY) KINDLY CORR	DLOGY HORMONE (TS µIU/mL	SH) 0.35 - 5.50 LY (μU/mL)
THYROID STIMUL by cmia (chemilumin Brd generation, ult <b>ADVICE</b>	TING HORMONE (TSH): SEI iescent microparticle immund rasensitive AGE	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY) KINDLY CORR	DLOGY HORMONE (TS µIU/mL ELATE CLINICALI REFFERENCE RANGE	SH) 0.35 - 5.50 LY (μU/mL) 0
THYROID STIMUL by cmia (chemilumin Brd generation, ult <b>ADVICE</b>	ATING HORMONE (TSH): SEJ JESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY) KINDLY CORR	DLOGY HORMONE (TS μIU/mL ELATE CLINICALI REFFERENCE RANGE 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40	SH) 0.35 - 5.50 LY (μU/mL) 0 0 0
THYROID STIMUL by CMIA (CHEMILUMIN 3rd GENERATION, ULT <b>ADVICE</b>	ATING HORMONE (TSH): SEJ JESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY) KINDLY CORR	DLOGY HORMONE (TS μIU/mL ELATE CLINICALI REFFERENCE RANGE 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00	SH) 0.35 - 5.50 LY (μU/mL) 0 0 0
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THYROID STIMUL	ATING HORMONE (TSH): SE NESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ENDOCRING ROID STIMULATING RUM 1.581 DASSAY) KINDLY CORR	DLOGY HORMONE (TX μIU/mL ELATE CLINICALI REFFERENCE RANGE 0.70 – 15.20 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50	SH) 0.35 - 5.50 LY (µU/mL) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

**USE**:- TSH controls biosynthesis and release of thyroid harmones T4 & T3. It is a sensitive measure of thyroid function, especially useful in early or subclinical hypothyroidism, before the patient develops any clinical findings or goitre or any other thyroid function abnormality. **INCREASED LEVELS**:

1.Primary or untreated hypothyroidism, may vary from 3 times to more than 100 times normal depending on degree of hypofunction. 2.Hypothyroid patients receiving insufficient thyroid replacement therapy.

3.Hashimotos thyroiditis.

4.DRUGS: Amphetamines, lodine containing agents and dopamine antagonist.

5.Neonatal period, increase in 1st 2-3 days of life due to post-natal surge.

**DECREASED LEVELS:** 

1.Toxic multi-nodular goitre & Thyroiditis.

2. Over replacement of thyroid harmone in treatment of hypothyroidism.

3. Autonomously functioning Thyroid adenoma

4. Secondary pituatary or hypothalmic hypothyroidism

5. Acute psychiatric illness



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		<b>X7 1 X7 4</b> .	

Test NameValueUnitBiological Reference interval

6.Severe dehydration.

7.DRUGS: Glucocorticoids, Dopamine, Levodopa, T4 replacement therapy, Anti-thyroid drugs for thyrotoxicosis.

8.Pregnancy: 1st and 2nd Trimester

LIMITATIONS:

1.TSH may be normal in central hypothyroidism, recent rapid correction of hyperthyroidism or hypothyroidism, pregnancy, phenytoin therapy. 2.Autoimmune disorders may produce spurious results.

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



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