



		Chopra by & Microbiology) Consultant Pathologist	Dr. Yugam MD (CEO & Consultant	(Pathology)
NAME	: Mrs. ANU			
AGE/ GENDER	: 27 YRS/FEMALE	PATI	ENT ID	: 1580833
COLLECTED BY	:	REG. 1	NO./LAB NO.	: 012408140049
REFERRED BY	:	REGIS	STRATION DATE	: 14/Aug/2024 06:14 PM
BARCODE NO.	: 01515079	COLL	ECTION DATE	: 14/Aug/2024 06:17PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 14/Aug/2024 07:15PM
CLIENT ADDRESS	: 6349/1, NICHOLSON RO	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
HAEMOGLOBIN (HB) by Calorimetric		11.1 ^L	gm/dL	12.0 - 16.0
tissues back to the lur A low hemoglobin leve ANEMIA (DECRESED H 1) Loss of blood (trau 2) Nutritional deficier 3) Bone marrow probl 4) Suppression by red 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCR 1) People in higher al 2) Smoking (Secondar 3) Dehydration produ 4) Advanced lung dise 5) Certain tumors 6) A disorder of the bo 7) Abuse of the drug e	ngs. el is referred to as ANEMIA (IAEMOGLOBIN): matic injury, surgery, bleed ncy (iron, vitamin B12, folate ems (replacement of bone r blood cell synthesis by che obin structure (sickle cell an EASED HAEMOGLOBIN): titudes (Physiological) y Polycythemia) ces a falsely rise in hemogle ase (for example, emphyser one marrow known as polyc	or low red blood count. ing, colon cancer or stomach e) narrow by cancer) motherapy drugs emia or thalassemia). obin due to increased haemona) ythemia rubra vera, thletes for blood doping purp	nulcer)	amount of oxygen available to the body by

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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BARCODE NO.	: 01515079	COL	LECTION DATE	: 14/Aug/2024 06:17PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 14/Aug/2024 07:51PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	D, AMBALA CANTT		
by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM			Biological Reference interval
THYROID STIMULAT	ING HORMONE (TSH): SERUM NESCENT MICROPARTICLE IMMUNO RASENSITIVE	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH)	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM NESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μΙ	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL <u>REFFERENCE RANGE (μ</u> 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	ENDOCRIN (ROID STIMULATING 1 4.156 (AASSAY)	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults)	ENDOCRIN YROID STIMULATING 1 4.156	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μI 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50 0.27 – 5.50	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM VESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ENDOCRIN (ROID STIMULATING 1 4.156 (AASSAY)	OLOGY G HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50	0.35 - 5.50

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

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, Iodine 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

6.Severe dehydration.



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist				
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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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