



		<b>Chopra</b> gy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. NEHA			
AGE/ GENDER	: 34 YRS/FEMALE	PAT	TIENT ID	: 1156167
COLLECTED BY	:	REC	G. NO./LAB NO.	: 012503080006
REFERRED BY	:	REC	SISTRATION DATE	: 08/Mar/2025 07:30 AM
BARCODE NO.	:01526677	COI	LECTION DATE	:08/Mar/202507:31AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REF	PORTING DATE	:08/Mar/202508:47AM
CLIENT ADDRESS	: 6349/1, NICHOLSON RO	AD, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
tissues back to the lu			rom the lungs to the bo	odys tissues and returns carbon dioxide from t
ANEMIA (DECRESED	HAEMOGLOBIN): Imatic iniury, surgery, bleedi	ng, colon cancer or stoma e)	ach ulcer)	

## 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.





	Dr. Vinay Cl MD (Pathology a Chairman & Col		Dr. Yugam MD CEO & Consultant	(Pathology)
IAME	: Mrs. NEHA			
AGE/ GENDER	: 34 YRS/FEMALE	PAT	ENT ID	: 1156167
COLLECTED BY	:	REG.	NO./LAB NO.	: 012503080006
REFERRED BY	:	REG	STRATION DATE	: 08/Mar/2025 07:30 AM
BARCODE NO.	: 01526677	COLI	ECTION DATE	:08/Mar/202507:31AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	DRTING DATE	:08/Mar/2025 10:47AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CUINI	CAL CHEMISTRY	/BIOCHEMIST	RY
	CLINI			
	CLINI	GLUCOSE FAS	ГING (F)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

A fasting plasma glucose level below 100 mg/dl is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood

test (after consumption of 75 gms of glucose) is recommended for all such patients. 3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.



**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 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



Page 2 of 4





	MD (Patholog	Chopra y & Microbiology) consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. NEHA			
AGE/ GENDER	: 34 YRS/FEMALE	]	PATIENT ID	: 1156167
COLLECTED BY	:	1	REG. NO./LAB NO.	: 012503080006
REFERRED BY			REGISTRATION DATE	: 08/Mar/2025 07:30 AM
BARCODE NO.	:01526677		COLLECTION DATE	: 08/Mar/2025 07:31AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	]	REPORTING DATE	:08/Mar/2025 12:10PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
		<b>X7</b> 1	Unit	Biological Reference interva
by CMIA (CHEMILUMIN	ATING HORMONE (TSH): SE	ROID STIMULAT RUM <b>8.479<sup>H</sup></b>	CINCLOGY CING HORMONE (TS μIU/mL	SH)
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SE iescent microparticle immuni rasensitive	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>CINOLOGY</b> F <b>ING HORMONE (T</b> μIU/mL	<b>SH)</b> 0.35 - 5.50
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SE iescent microparticle immune rasensitive AGE	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	EINOLOGY FING HORMONE (TS μIU/mL REFFERENCE RANGE	SH) 0.35 - 5.50 (μΙU/mL)
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUN RASENSITIVE AGE 0 – 5 DAYS	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>CINOLOGY</b> <b>ΓING HORMONE (TS</b> μIU/mL <u>REFFERENCE RANGE</u> 0.70 – 15.20	<b>SH)</b> 0.35 - 5.50 (µlU/mL)
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUN RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>CINOLOGY</b> <b>ΓΙΝG HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 0.70 – 15.20 0.70 – 11.00	<b>SH)</b> 0.35 - 5.50 (µU/mL) 0 0
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUN RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>CINOLOGY</b> <b>ΓΙΝG HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40	SH) 0.35 - 5.50 (µU/mL) 0 0
THYROID STIMUL4	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUN RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>CINOLOGY</b> <b>ΓΙΝG HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 0.70 – 15.20 0.70 – 11.00	SH) 0.35 - 5.50 (μΙU/mL) 0 0
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUN RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>CINOLOGY</b> <b>ΓING HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00	SH) 0.35 - 5.50 (µlU/mL) 0 0
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT <u>INTERPRETATION:</u>	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUN RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>EINOLOGY</b> <b>FING HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50	SH) 0.35 - 5.50 (μΙU/mL) 0 0 0
ΓΗYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT INTERPRETATION:	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUNI RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults)	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>EINOLOGY</b> <b>FING HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 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 0.27 – 5.50	SH) 0.35 - 5.50 (µlU/mL) 0 0 0
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT <u>INTERPRETATION:</u>	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUNI RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults) 1st Trimester	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>EINOLOGY</b> <b>FING HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 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 0.27 – 5.50 0.10 - 3.00	SH) 0.35 - 5.50 (µlU/mL) 0 0 0
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT <u>INTERPRETATION:</u>	ATING HORMONE (TSH): SE IESCENT MICROPARTICLE IMMUNI RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults)	ENDOCR ROID STIMULAT RUM 8.479 <sup>H</sup>	<b>EINOLOGY</b> <b>FING HORMONE (TS</b> μIU/mL <b>REFFERENCE RANGE</b> 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 0.27 – 5.50	SH) 0.35 - 5.50 (µIU/mL) 0 0 0 0

## 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, 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.

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





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

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	bbiology) MD (Pathology)	
NAME	: Mrs. NEHA		
AGE/ GENDER	: 34 YRS/FEMALE	PATIENT ID	: 1156167
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012503080006
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 08/Mar/2025 07:30 AM
BARCODE NO.	: 01526677	<b>COLLECTION DATE</b>	: 08/Mar/2025 07:31AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	:08/Mar/2025 12:10PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	LA CANTT	

Test NameValueUnitBiological Reference interval

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 \*\*\*



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

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com

