



AGE/ GENDER COLLECTED BY REFERRED BY	: 49 YRS/FEMALE			
		Р	ATIENT ID	: 1681239
EFERRED BY	: SURJESH	R	EG. NO./LAB NO.	: 012411250016
	: CENTRAL PHOENIX CLUB (AN	MBALA CANTT) R	EGISTRATION DATE	: 25/Nov/2024 09:46 AM
ARCODE NO.	: 01521405		OLLECTION DATE	: 25/Nov/2024 09:51AM
LIENT CODE.	: KOS DIAGNOSTIC LAB		EPORTING DATE	: 25/Nov/2024 05:09PM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A			
Fest Name		Value	Unit	Biological Reference interval
		HAEMA	FOLOGY	
	GLYCO		MOGLOBIN (HBA1	C)
LYCOSYLATED HA	EMOGLOBIN (HbA1c):	6.1	0/	
WHOLE BLOOD		0.1	%	4.0 - 6.4
VHOLE BLOOD by HPLC (HIGH PERFOR STIMATED AVERA by HPLC (HIGH PERFOR	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	128.37	% mg/dL	4.0 - 6.4 60.00 - 140.00
VHOLE BLOOD by HPLC (HIGH PERFOR STIMATED AVERA by HPLC (HIGH PERFOR	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	128.37	mg/dL	
VHOLE BLOOD by HPLC (HIGH PERFOR CSTIMATED AVERAG by HPLC (HIGH PERFOR NTERPRETATION:	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	128.37 Diabetes associat	mg/dL	60.00 - 140.00
VHOLE BLOOD by HPLC (HIGH PERFOR STIMATED AVERAG by HPLC (HIGH PERFOR NTERPRETATION: R Non dia	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years	128.37 Diabetes associat	mg/dL ION (ADA): COSYLATED HEMOGLOGI <5.7	60.00 - 140.00
VHOLE BLOOD by HPLC (HIGH PERFOR CSTIMATED AVERAG by HPLC (HIGH PERFOR NTERPRETATION: R R Non dia At	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	128.37 Diabetes associat	mg/dL ION (ADA): COSYLATED HEMOGLOGI <5.7 5.7 - 6.4	60.00 - 140.00
VHOLE BLOOD by HPLC (HIGH PERFOR CSTIMATED AVERAG by HPLC (HIGH PERFOR NTERPRETATION: R R Non dia At	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years	128.37 Diabetes associat	mg/dL ION (ADA): COSYLATED HEMOGLOGI <5.7 5.7 - 6.4 >= 6.5	60.00 - 140.00 B (HBAIC) in %
VHOLE BLOOD by HPLC (HIGH PERFOR CSTIMATED AVERAG by HPLC (HIGH PERFOR NTERPRETATION: R R Non dia At	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	128.37 DIABETES ASSOCIAT	mg/dL ION (ADA): COSYLATED HEMOGLOGI <5.7 5.7 - 6.4 >= 6.5 Age > 19 Years	60.00 - 140.00 B (HBAIC) in %
NHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERAG by HPLC (HIGH PERFOR <u>NTERPRETATION:</u> R Non dia At Di	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	128.37 DIABETES ASSOCIAT GLY	mg/dL ION (ADA): COSYLATED HEMOGLOGI <5.7 5.7 - 6.4 >= 6.5 Age > 19 Years Therapy:	60.00 - 140.00 B (HBAIC) in %
NHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERAG by HPLC (HIGH PERFOR <u>NTERPRETATION:</u> R Non dia At Di	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes) iagnosing Diabetes	128.37 DIABETES ASSOCIAT GLY	mg/dL ION (ADA): COSYLATED HEMOGLOGI <5.7 5.7 - 6.4 >= 6.5 Age > 19 Years	60.00 - 140.00 B (HBAIC) in % < 7.0 >8.0

7. Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.



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: Ilnd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





		hopra & Microbiology) onsultant Pathologist		(Pathology)
NAME	: Mrs. RITU GUPTA			
AGE/ GENDER	: 49 YRS/FEMALE		PATIENT ID	: 1681239
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012411250016
REFERRED BY	: CENTRAL PHOENIX CLUB (AMBALA CANTT)	REGISTRATION DATE	: 25/Nov/2024 09:46 AM
BARCODE NO.	: 01521405		COLLECTION DATE	: 25/Nov/2024 09:51AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 25/Nov/2024 10:35AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
immune disease, but	does not tell the health practit	ioner exactly where	e the inflammation is in th	tion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such
Immune disease, but 2. An ESR can be affe as C-reactive proteir 3. This test may also systemic lupus eryth CONDITION WITH LO A low ESR can be see (polycythaemia), sig	ected by other conditions beside be used to monitor disease act ematosus W ESR en with conditions that inhibit th	ioner exactly where es inflammation. Fo ivity and response he normal sedimen count (leucocytosis	e the inflammation is in th r this reason, the ESR is ty to therapy in both of the a tation of red blood cells, s	e body or what is causing it. pically used in conjunction with other test such above diseases as well as some others, such as such as a high red blood cell count prmalities. Some changes in red cell shape (such

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Che MD (Pathology & Chairman & Cons	Microbiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. RITU GUPTA			
AGE/ GENDER	: 49 YRS/FEMALE	PA	TIENT ID	: 1681239
COLLECTED BY	: SURJESH	RF	G. NO./LAB NO.	: 012411250016
REFERRED BY	: CENTRAL PHOENIX CLUB (AM	MBALA CANTT) RE	GISTRATION DATE	: 25/Nov/2024 09:46 AM
BARCODE NO.	: 01521405	CO	LLECTION DATE	: 25/Nov/2024 09:51AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 25/Nov/2024 11:21AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINIC	AL CHEMISTR	Y/BIOCHEMIST	RY
		FERR	ITIN	
FERRITIN: SERUM		21.37	ng/mL	4.63 - 204.0
DECREASED:	presence of inflammation, perso ears to be the only condition asso	ns with low serum f	erritin are likely to resp	





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: Ilnd 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







Dr. Vinay Chopra MD (Pathology & Microt Chairman & Consultant I		& Microbiology)		n Chopra (Pathology) Pathologist	
NAME	: Mrs. RITU GUPTA				
AGE/ GENDER	: 49 YRS/FEMALE]	PATIENT ID	: 1681239	
COLLECTED BY	: SURJESH	,	REG. NO./LAB NO.	: 012411250016	
REFERRED BY	: CENTRAL PHOENIX CLUB (A			: 25/Nov/2024 09:46 AM	
BARCODE NO.	: 01521405		COLLECTION DATE	: 25/Nov/2024 09:51AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB]	REPORTING DATE	: 25/Nov/2024 11:21AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT			
			Unit		
	ATING HORMONE (TSH): SER	DID STIMULAT	RINOLOGY FING HORMONE (TS μIU/mL		
THYROID STIMULA by CMIA (CHEMILUMIN Brd GENERATION, ULT	ATING HORMONE (TSH): SER iescent microparticle immunoa rasensitive	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY F ING HORMONE (T μIU/mL	SH) 0.35 - 5.50	
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SER iescent microparticle immunoa rasensitive AGE	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY FING HORMONE (TS μIU/mL REFFERENCE RANGE	SH) 0.35 - 5.50 (µU/mL)	
THYROID STIMULA by CMIA (CHEMILUMIN Brd GENERATION, ULT	ATING HORMONE (TSH): SER IESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY FING HORMONE (TS µIU/mL REFFERENCE RANGE 0.70 – 15.20	SH) 0.35 - 5.50 (µU/mL) 0	
THYROID STIMULA by CMIA (CHEMILUMIN Brd GENERATION, ULT	ATING HORMONE (TSH): SER IESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY ΓΙΝG HORMONE (TS μΙU/mL REFFERENCE RANGE 0.70 – 15.20 0.70 – 11.00	SH) 0.35 - 5.50 (µU/mL) 0 0	
ΓΗΥROID STIMULA by CMIA (CHEMILUMIN Brd GENERATION, ULT	ATING HORMONE (TSH): SER IESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY FING HORMONE (TS µIU/mL REFFERENCE RANGE 0.70 – 15.20	SH) 0.35 - 5.50 (µU/mL) 0 0	
ГНҮROID STIMUL! by СМІА (CHEMILUMIN	ATING HORMONE (TSH): SER IESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY ΓΙΝG HORMONE (TS μΙU/mL REFFERENCE RANGE 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40	SH) 0.35 - 5.50 (µU/mL) 0 0 0	
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SER NESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ENDOCE DID STIMULAT UM 6.741 ^H	RINOLOGY ΓΙΝG HORMONE (TS μIU/mL REFFERENCE RANGE 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 0 0 0 0 0 0 0 0 0 0 0	
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SER IESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	ENDOCE DID STIMULAT UM 6.741 ^H	REFFERENCE RANGE 0.70 – 15.20 0.70 – 15.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50	SH) 0.35 - 5.50 (μΙU/mL) 0 0 0 0	
ΓΗΥROID STIMULA by CMIA (CHEMILUMIN Brd GENERATION, ULT	ATING HORMONE (TSH): SER NESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults)	ENDOCE DID STIMULAT UM 6.741 ^H	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 0.27 – 5.50	SH) 0.35 - 5.50 (μU/mL) 0 0 0 0 0 0 0 0 0 0 0 0 0	
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SER INTERCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults) AGE 1st Trimester	ENDOCE DID STIMULAT UM 6.741 ^H	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 0.27 – 5.50 0.10 - 3.00	SH) 0.35 - 5.50 (μΙU/mL) 0 0 0 0 0 0 0 0 0 0 0 0 0	
THYROID STIMULA by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ATING HORMONE (TSH): SER NESCENT MICROPARTICLE IMMUNOA RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults)	ENDOCE DID STIMULAT UM 6.741 ^H	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 0.27 – 5.50	SH) 0.35 - 5.50 (µU/mL) 0 0 0 0 0 0 0 0 0 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)

V 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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





Test Name	Value	Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 25/Nov/2024 11:21AM
BARCODE NO.	: 01521405	COLLECTION DATE	: 25/Nov/2024 09:51AM
REFERRED BY	: CENTRAL PHOENIX CLUB (AMBALA CANTT)	REGISTRATION DATE	: 25/Nov/2024 09:46 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012411250016
AGE/ GENDER	: 49 YRS/FEMALE	PATIENT ID	: 1681239
NAME	: Mrs. RITU GUPTA		
	MD (Pathology & Microbiology) Chairman & Consultant Pathologis	MD	(Pathology)
	Dr. Vinay Chopra	Dr. Yugam	n Chopra

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.



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





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Cho MD (Pathology & M Chairman & Consu	licrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. RITU GUPTA : 49 YRS/FEMALE : SURJESH : CENTRAL PHOENIX CLUB (AMI : 01521405 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AM	REG BALA CANTT) REG COL REF	TENT ID NO./LAB NO. ISTRATION DATE LECTION DATE ORTING DATE	: 1681239 : 012411250016 : 25/Nov/2024 09:46 AM : 25/Nov/2024 09:51AM : 25/Nov/2024 11:21AM
Test Name		Value	Unit	Biological Reference interval
	FOLLICI	E STIMULATIN	G HORMONE (FS	5H)
	ATING HORMONE (FSH): SERUN ESCENCE IMMUNOASSAY)	М 9.03	mIU/mL	FEMALE FOLLICULAR PHASE: 3.03 - 8.08 FEMALE MID-CYCLE PEAK: 2.55 - 16.69 FEAMLE LUTEAL PHASE: 1.38 - 5.47 FEMALE POST-MENOPAUSAL: 26.72 - 133.41 MALE: 0.95 - 11.95
luteinizing hormone (2. The menstrual cycl 3. FSH appears to cor The test is useful in tl 1. An adjunct in the e 2. Evaluating patients 3. Predicting ovulatic 4. Evaluating infertili 5. Diagnosing pituita 6. In both males and (LH) levels. FSH and LH LEVELS EL 1. Primary gonadal fa 2. Complete testicula 3. Precocious puberty 4. Menopause (postri 5. Primary ovarian hy 6. Primary nypogona NOTE: 1. Normal or decreas	LH) from the anterior pituitary. e is divided by a midcycle surge of trol gametogenesis in both males in the following settings: valuation of menstrual irregulariti with suspected hypogonadism. n ty ry disorders females, primary hypogonadism re EVATED IN: hilure r feminization syndrome. ((either idiopathic or secondary to benopausal FSH levels are generally pofunction in females	both FSH and LH in and females. es. esults in an elevatio a central nervous s / >40 IU/L) n disease in female:	to a follicular phase an n of basal follicle-stime system lesion)	tropins, follicle-stimulating hormone (FSH) and nd a luteal phase. ulating hormone (FSH) and luteinizing hormone

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

V 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







	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologi) (Pathology)	
NAME	: Mrs. RITU GUPTA			
AGE/ GENDER	: 49 YRS/FEMALE	PATIENT ID	: 1681239	
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012411250016	
REFERRED BY	: CENTRAL PHOENIX CLUB (AMBALA CANTT)	REGISTRATION DATE	: 25/Nov/2024 09:46 AM	
BARCODE NO.	:01521405	COLLECTION DATE	: 25/Nov/2024 09:51AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 25/Nov/2024 11:21AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Г		
Test Name	Value	Unit	Biological Reference interval	
	PR	OLACTIN		
PROLACTIN: SERU		ng/mL	3 - 25	
by CMIA (CHEMILUMIN INTERPRETATION:	IESCENT MICROPARTICLE IMMUNOASSAY)			
The maior chemica	d by the anterior pituitary gland and controlled al controlling prolactin secretion is dopamine, wh ion of prolactin is the stimulation of milk produ uch as sleep, exercise, nipple stimulation, sexual	ních inhibits prolactin secret ction. In normal individuals	the prolactin level rises in response to	

1.In loss of libido, galactorrhea, oligomHyperprolactinemia often results enorrhea or amenorrhea, and infertility in premenopausal females. 2.Loss of libido, impotence, infertility, and hypogonadism in males. Postmenopausal and premenopausal women, as well as men, can also suffer from decreased muscle mass and osteoporosis.

3. In males, prolactin levels >13 ng/mL are indicative of hyperprolactinemia.
4. In women, prolactin levels >27 ng/mL in the absence of pregnancy and postpartum lactation are indicative of hyperprolactinemia.
5. Clear symptoms and signs of hyperprolactinemia are often absent in patients with serum prolactin levels <100 ng/mL.
4. Mild to moderately increased levels of serum prolactin are not a reliable guide for determining whether a prolactin-producing pituitary addressed levels of 250 ng/mL are not a reliable guide for determining whether a prolactin-producing pituitary.

adenoma is present, 5. Whereas levels >250 ng/mL are usually associated with a prolactin-secreting tumor.

CAUTION:

Prolactin values that exceed the reference values may be due to macroprolactin (prolactin bound to immunoglobulin). Macroprolactin should be evaluated if signs and symptoms of hyperprolactinemia are absent, or pituitary imaging studies are not informative.



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



TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)

0 9001:2008 CERT	IFIED LAB		EXCELLENCE IN HEALTHCARE	
	MD (Pa	nay Chopra thology & Microbiology) an & Consultant Pathologis		(Pathology)
AME	: Mrs. RITU GUPTA			
GE/ GENDER	: 49 YRS/FEMALE		PATIENT ID	: 1681239
OLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012411250016
REFERRED BY	: CENTRAL PHOENIX	CLUB (AMBALA CANTT)	REGISTRATION DATE	: 25/Nov/2024 09:46 AM
ARCODE NO.	:01521405		COLLECTION DATE	: 25/Nov/2024 09:51AM
LIENT CODE.	: KOS DIAGNOSTIC L	AB	REPORTING DATE	: 25/Nov/2024 12:18PM
LIENT ADDRESS		N ROAD, AMBALA CANTT		
	,			
Fest Name		Value	Unit	Biological Reference interval
		VII	CAMINS	
		VITAMIN D/25 H	YDROXY VITAMIN D	3
by CLIA (CHEMILUMINI	DROXY VITAMIN D3) ESCENCE IMMUNOASSAY)	SERUM 30.576	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
<u>NTERPRETATION:</u> DEFI	CIENT:	< 20	n	g/mL
	FICIENT:	21 - 29		g/mL
	ED RANGE: CATION:	<u> </u>		g/mL
25-OHVitamin D re- issue and tightly bou Vitamin D plays a p shosphate reabsorpt .Severe deficiency n PECREASED: .Lack of sunshine ex .Inadeguate intake, Depressed Hepatic .Secondary to advar .Osteoporosis and S .Enzyme Inducing dr NCREASED: . Hypervitaminosis E evere hypercalcemia AUTION : Replaceme hypervitaminosis D	epresents the main bod und by a transport prot- rimary role in the main ion, skeletal calcium de hay lead to failure to mi posure. malabsorption (celiac of Vitamin D 25- hydroxyl need Liver disease econdary Hyperparathr rugs: anti-epileptic drug D is Rare, and is seen on a and hyperphophatemi int therapy in deficient i individuals as compare t	ein while in circulation. tenance of calcium home position, calcium mobilizi neralize newly formed os disease) ase activity oidism (Mild to Moderate s like phenytoin, phenoba ly after prolonged exposu a. ndividuals must be monit	orm of Vitamin D and transport ostatis. It promotes calciun ation, mainly regulated by p teoid in bone, resulting in r e deficiency) arbital and carbamazepine, i ure to extremely high doses ored by periodic assessmen	port form of Vitamin D, being stored in adipo n absorption, renal calcium absorption and parathyroid harmone (PTH). rickets in children and osteomalacia in adults. that increases Vitamin D metabolism. of Vitamin D. When it occurs, it can result in at of Vitamin D levels in order to prevent ciency due to excess of melanin pigment which
		*** End Of R	eport ***	

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

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

Ľ7

-53

回济

Page 8 of 8