



Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta		obiology)	Dr. Yugam Chopra MD (Pathology) gist CEO & Consultant Pathologist		
NAME	: Mr. KUNAL GAUTAM				
AGE/ GENDER	: 41 YRS/MALE		PATIENT ID	: 1659408	
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012411030016	
REFERRED BY	:		REGISTRATION DATE	: 03/Nov/2024 10:29 AM	
BARCODE NO.	: 01519966		COLLECTION DATE	: 03/Nov/2024 10:30AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Nov/2024 11:04AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANTT			
Test Name		Value	Unit	<b>Biological Reference interval</b>	
	SWAST	THYA WI	ELLNESS PANEL: Y		
	COMP	LETE BLO	DOD COUNT (CBC)		
RED BLOOD CELLS	(RBCS) COUNT AND INDICES				
HAEMOGLOBIN (HE	3)	15.3	gm/dL	12.0 - 17.0	
RED BLOOD CELL (I		5.3 <sup>H</sup>	Millions/	cmm 3.50 - 5.00	
by HYDRO DYNAMIC FO	DCUSING, ELECTRICAL IMPEDENCE	48.5	%	40.0 - 54.0	
	JTOMATED HEMATOLOGY ANALYZER	40.5			
MEAN CORPUSCULA by CALCULATED BY AU	AR VOLUME (MCV) JTOMATED HEMATOLOGY ANALYZER	91.5	fL	80.0 - 100.0	
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	28.9	pg	27.0 - 34.0	
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	31.5 <sup>L</sup>	g/dL	32.0 - 36.0	
RED CELL DISTRIBU	JTION WIDTH (RDW-CV)	13.2	%	11.00 - 16.00	
-	JTOMATED HEMATOLOGY ANALYZER JTION WIDTH (RDW-SD)	45.3	fL	35.0 - 56.0	
	JTOMATED HEMATOLOGY ANALYZER	45.5	IL	33.0 - 30.0	
MENTZERS INDEX		17.26	RATIO	BETA THALASSEMIA TRAIT: < 13.0	
s) on 2002 m 20				IRON DEFICIENCY ANEMIA:	
	DV.	00.01	DATIO		
GREEN & KING IND by calculated	EX	22.81	RATIO	BETA THALASSEMIA TRAIT:< 65.0	
				IRON DEFICIENCY ANEMIA: >	
WHITE BLOOD CEI	LS (WBCS)			65.0	
FOTAL LEUCOCYTE	COUNT (TLC)	5220	/cmm	4000 - 11000	
•	by sf cube & microscopy LOOD CELLS (nRBCS)	NIL		0.00 - 20.00	
NUCLEATED RED B				0.00 20.00	
by AUTOMATED 6 PAR	LOOD CELLS (nRBCS) %	NIL	%	< 10 %	





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

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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology) MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. KUNAL GAUTAM **AGE/ GENDER** : 41 YRS/MALE **PATIENT ID** :1659408 **COLLECTED BY** : SURJESH REG. NO./LAB NO. :012411030016 **REFERRED BY REGISTRATION DATE** :03/Nov/2024 10:29 AM : **BARCODE NO.** :01519966 **COLLECTION DATE** :03/Nov/2024 10:30AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :03/Nov/2024 11:04AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 48<sup>L</sup> % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 20 - 40 LYMPHOCYTES 44<sup>H</sup> % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 5 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS ^ 0/ ~

BASOPHILS by flow cytometry by sf cube & microscopy	0	%	0 - 1
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2506	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT	2297	/cmm	800 - 4900
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT	157	/cmm	40 - 440
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT	261	/cmm	80 - 880
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	MADVEDC		
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	260000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.26	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV)			
	10	fL	6.50 - 12.0
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC)	10 72000	fL /cmm	6.50 - 12.0 30000 - 90000
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE			
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR)	72000	/cmm	30000 - 90000



NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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

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







	<b>Dr. Vinay Ch</b> MD (Pathology & Chairman & Con	Microbiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC LAB		TING DATE	: 03/Nov/2024 03:49PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,			
Test Name		Value	Unit	<b>Biological Reference interval</b>
	GLY	COSYLATED HAEMOGI	OBIN (HBA1C)	
GLYCOSYLATED HAE WHOLE BLOOD	MOGLOBIN (HbA1c):	4.5	%	4.0 - 6.4
ESTIMATED AVERAG		82.45	mg/dL	60.00 - 140.00
	AS PER AMERICAN DIAB	BETES ASSOCIATION (ADA):		
RE	FERENCE GROUP	GLYCOSYLATED HEMOGLOGIB (HBAIC) in %		1%
Non diab	etic Adults >= 18 years		<5.7	
	Risk (Prediabetes)	5.	7 – 6.4	
Dia	gnosing Diabetes	>	= 6.5	
		Age >	19 Years	
		Goals of Therapy:	< 7.0	
Therapeutic	goals for glycemic control	Actions Suggested:	>8.0	
		A	40.14	
		Goal of therapy:	19 Years <7.5	

# COMMENTS:

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients.

2.Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropriate. 4. High

HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5. Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

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.





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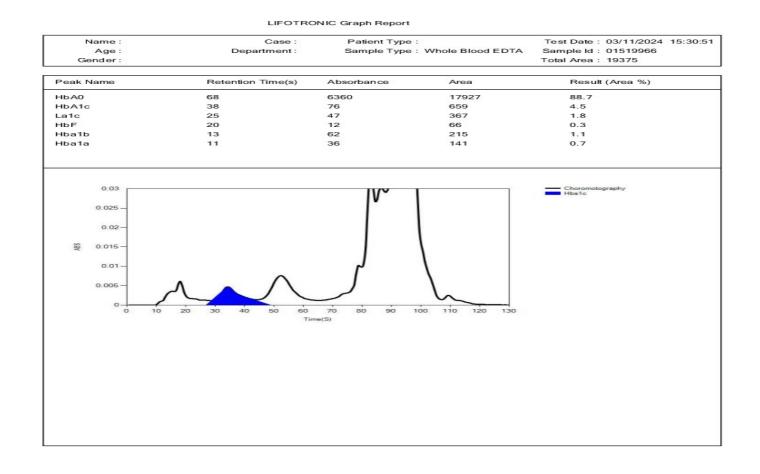
DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)







Test Name		Value Unit	Biological Reference interval
	. 00 10/ 1, 10101010000 10100, 11		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 03/Nov/2024 03:49PM
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NAME	: Mr. KUNAL GAUTAM		
	Chairman & Consu	G, /	Itant Pathologist
	Dr. Vinay Cho MD (Pathology & N		gam Chopra MD (Pathology)





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







		Chopra v & Microbiology) onsultant Pathologist	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
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LIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	:03/Nov/2024 11:24AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Fest Name		Value	Unit	<b>Biological Reference interval</b>
immune disease, but 2. An ESR can be affe as C-reactive protein	does not tell the health practi ected by other conditions besid be used to monitor disease ac ematosus	tioner exactly where the sinflammation. For the second second second second second second second second second s	e inflammation is in the his reason, the ESR is ty	ion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such bove diseases as well as some others, such as





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CLIENT CODE.	: KOS DIAGNOSTIC LAB		<b>REPORTING DATE</b>	:03/Nov/2024 11:25AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI		FRY/BIOCHEMIST FASTING (F)	'nY
GLUCOSE FASTING by glucose oxidas	F (F): PLASMA E - PEROXIDASE (GOD-POD)	93.97	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

**IN ACCRDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:** 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. 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.



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		opra Microbiology) sultant Pathologist	Dr. Yugam MD ( CEO & Consultant	(Pathology)
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	DRTING DATE	:03/Nov/2024 11:59AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PROFIL	E : BASIC	
CHOLESTEROL TO	TAL: SERUM	167.11	mg/dL	<b>OPTIMAL:</b> < 200.0
by CHOLESTEROL OX			8	BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S	ERUM	76.18	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	PHATE OXIDASE (ENZYMATIC)		U U	BORDERLINE HIGH: 150.0 -
				199.0 HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
	L (DIRECT): SERUM	68.86	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBIT	ION			BORDERLINE HIGH HDL: 30.0
				60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI	L: SERUM	83.01	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPE		00.01	ing, all	ABOVE OPTIMAL: 100.0 - 129.0
				BORDERLINE HIGH: 130.0 -
				159.0 HIGH: 160.0 - 189.0
				VERY HIGH: > OR = 190.0
NON HDL CHOLEST	FEROL: SERUM	98.25	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPE	CTROPHOTOMETRY			ABOVE OPTIMAL: 130.0 - 159.0
				BORDERLINE HIGH: 160.0 - 189.0
				HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
VLDL CHOLESTER		15.24	mg/dL	0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SER		410.4	mg/dL	350.00 - 700.00
by CALCULATED, SPE				
CHOLESTEROL/HD		2.43	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPE	UIRUPHUIUMEIKY			AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0
				HIGH RISK: > 11.0



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by CALCULATED, SPE		1.21	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	1.11 <sup>L</sup>	RATIO	3.00 - 5.00

# **INTERPRETATION:**

1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

 Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
 NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 03/Nov/2024 12:35PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AME	BALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	LIVER	FUNCTION 1	FEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SI	: SERUM PECTROPHOTOMETRY	1.7 <sup>H</sup>	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.31	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CT (UNCONJUGATED): SERUM	1.39 <sup>H</sup>	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	[ /RIDOXAL PHOSPHATE	17.8	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	[ /RIDOXAL PHOSPHATE	24.8	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE		0.72	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	149.44 <sup>H</sup>	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	14.87	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.5	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.27	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE		2.23 <sup>L</sup>	gm/dL	2.30 - 3.50
A : G RATIO: SERUI		1.91	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

**NOTE:** To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE: Differential diagnosis of diseases of hepatobiliary system and pancreas.

# **INCREASED:**

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)





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**INTERPRETATION** 





	<b>Dr. Vinay Chop</b> MD (Pathology & Mi Chairman & Consult	crobiology) MI	m <b>Chopra</b> D (Pathology) ht Pathologist
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT	
Test Name		Value Unit	Biological Reference interval

### DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6



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Test Name		Value	Unit	Biological Reference interval
	KIDN	EY FUNCTI	ON TEST (COMPLETE)	
UREA: SERUM	IATE DEHYDROGENASE (GLDH)	22.4	mg/dL	10.00 - 50.00
CREATININE: SERU	UM	0.82	mg/dL	0.40 - 1.40
	ROGEN (BUN): SERUM	10.47	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	12.77	RATIO	10.0 - 20.0
UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	27.32	RATIO	
URIC ACID: SERUM	Ι	5.15	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPE		8.71	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE		2.43	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM	(E ELECTRODE)	136.4	mmol/L	135.0 - 150.0
POTASSIUM: SERUE by ISE (ION SELECTIV	M	4.08	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIV	1 /e electrode)	102.3	mmol/L	90.0 - 110.0
	IERULAR FILTERATION RAT			
ESTIMATED GLOM (eGFR): SERUM by CALCULATED INTERPRETATION:	ERULAR FILTERATION RATE	113.2		

INTERPRETATION:

To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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





	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologis		obiology)	Dr. \ CEO & Cor		athology)		
NAME	: Mr. KUNAL	GAUTAM						
AGE/ GENDER	: 41 YRS/MAI	E	I	PATIENT ID		: 1659408		
COLLECTED BY	: SURJESH		I	REG. NO./LAB NO.		:0124110300	16	
REFERRED BY			I	REGISTRATION D	ATE	:03/Nov/2024	10·29 AM	
BARCODE NO.	: 01519966			COLLECTION DAT		:03/Nov/2024		
CLIENT CODE.	: KOS DIAGN	OSTIC LAR		REPORTING DATI		: 03/Nov/2024 1		
CLIENT ADDRESS		CHOLSON ROAD, AMBA				. 03/1107/2024	11.55AM	
Test Name			Value	Un	uit	Biolog	ical Reference ir	nterval
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro	ee or productio kia, high fever) (e.g. ureter col ass (subnormal cetracycline, gl D:1) WITH ELEV (BUN rises disp superimposed D:1) WITH DECI osis.	ostomy) creatinine production ucocorticoids) <b>ATED CREATININE LEVE</b> proportionately more t on renal disease.	LS:				rome, high proteir	n diet,
5. Excess protein inta burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. <b>DECREASED RATIO (&lt;1</b> 1. Phenacimide thera 2. Rhabdomyolysis (ro 3. Muscular patients <b>INAPPROPIATE RATIO</b> 1. Diabetic ketoacido should produce an infa 2. Cephalosporin ther <b>ESTIMATED GLOMERU</b> <b>G1</b> <b>G2</b> <b>G3</b>	te or production tia, high fever) (e.g. ureter col ass (subnormal tetracycline, gl <b>D:1) WITH ELEV</b> (BUN rises disp superimposed <b>D:1) WITH DECI</b> osis. d starvation. treased urea sy urea rather that nonemias (urea f inappropiate <b>D:1) WITH INCR</b> oy (accelerates eleases muscle who develop rea- tis (acetoaceta reased BUN/ca areased BUN/ca py (interferes LAR FILTERATION NO K	ostomy) creatinine production ucocorticoids) ATED CREATININE LEVE proportionately more t on renal disease. REASED BUN : (nthesis. In creatinine diffuses o a is virtually absent in antidiuretic harmone) (REASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measure (N RATE: DESCRIPTION rmal kidney function idney damage with normal or high GFR lild decrease in GFR	LS: han creatinin ut of extrace blood). due to tubula to creatinine e in creatinin rement). GFR (mi	e) (e.g. obstructive Ilular fluid). ar secretion of urea e). e with certain met <u>L/min/1.73m2 )</u> >90 >90 60 -89	e uropath <u>y</u> a. thodologie ASSO N Preso	y).	rmal ratio when d	
5. Excess protein inta burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome c 3. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 2. Rhabdomyolysis (ro 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an ind 2. Cephalosporin ther ESTIMATED GLOMERU CKD STAGE G1 G2	te or production tia, high fever) (e.g. ureter col ass (subnormal tetracycline, gl <b>D:1) WITH ELEV</b> (BUN rises disp superimposed <b>D:1) WITH DECI</b> osis. d starvation. treased urea sy urea rather that nonemias (urea f inappropiate <b>D:1) WITH INCR</b> oy (accelerates eleases muscle who develop rea- tis (acetoaceta reased BUN/ca areased BUN/ca py (interferes LAR FILTERATION NO K NO K MO MO MO MO	ostomy) creatinine production ucocorticoids) ATED CREATININE LEVE proportionately more t on renal disease. REASED BUN : an creatinine diffuses o a is virtually absent in antidiuretic harmone) REASED CREATININE: conversion of creatine creatinine). enal failure. te causes false increase reatinine ratio). with creatinine measur DI RATE: DESCRIPTION mal kidney function idney damage with normal or high GFR	LS: han creatinin ut of extrace blood). due to tubula to creatinine e in creatinin rement). GFR (mi	e) (e.g. obstructive Ilular fluid). ar secretion of urea e). e with certain met <u>L/min/1.73m2 ) &gt;90 &gt;90</u>	e uropath <u>y</u> a. thodologie ASSO N Preso	y). es,resulting in no <u>CIATED FINDINGS</u> o proteinuria ence of Protein ,	rmal ratio when d	





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







Test Name		Value Unit	Biological Reference interva
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 03/Nov/2024 11:59AM
BARCODE NO.	: 01519966	COLLECTION DATE	: 03/Nov/2024 10:30AM
REFERRED BY	:	<b>REGISTRATION DATE</b>	: 03/Nov/2024 10:29 AM
COLLECTED BY	: SURJESH	<b>REG. NO./LAB NO.</b>	: 012411030016
AGE/ GENDER	: 41 YRS/MALE	PATIENT ID	: 1659408
NAME	: Mr. KUNAL GAUTAM		
	Chairman & Consul		
	Dr. Vinay Chop MD (Pathology & M		m Chopra D (Pathology)

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure of CFD with the commended to measure

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated



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	<b>Dr. Vinay Chopi</b> MD (Pathology & Mio Chairman & Consulta	crobiology)	Dr. Yugam ( MD (P CEO & Consultant Pa	athology)
NAME	: Mr. KUNAL GAUTAM			
AGE/ GENDER	: 41 YRS/MALE	PATI	ENT ID	: 1659408
<b>COLLECTED BY</b>	: SURJESH	REG. I	NO./LAB NO.	: 012411030016
<b>REFERRED BY</b>	:	REGIS	<b>TRATION DATE</b>	: 03/Nov/2024 10:29 AM
BARCODE NO.	: 01519966	COLLI	ECTION DATE	:03/Nov/2024 10:30AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	:03/Nov/2024 11:59AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMH	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
IRON: SERUM		<b>IRON PROI</b> 106.7		59.0 - 158.0
by FERROZINE, SPECT	ROPHOTOMETRY	100.7	μg/dL	59.0 - 158.0
UNSATURATED IRO :SERUM by FERROZINE, SPECT	N BINDING CAPACITY (UIBC)	109.41 <sup>L</sup>	µg/dL	150.0 - 336.0
	NG CAPACITY (TIBC)	216.11 <sup>L</sup>	µg/dL	230 - 430
%TRANSFERRIN SA		49.37	%	15.0 - 50.0
TRANSFERRIN: SER	CUM	153.44 <sup>L</sup>	mg/dL	200.0 - 350.0
INTERPRETATION:- VARIABL	ES ANEMIA OF CHROI		I DEFICIENCY ANEMIA	THALASSEMIA α/β TRAIT

VARIABLES	ANEMIA OF CHRONIC DISEASE	IRON DEFICIENCY ANEMIA	THALASSEMIA α/β TRAIT
SERUM IRON:	Normal to Reduced	Reduced	Normal
TOTAL IRON BINDING CAPACITY:	Decreased	Increased	Normal
% TRANSFERRIN SATURATION:	Decreased	Decreased < 12-15 %	Normal
SERUM FERRITIN:	Normal to Increased	Decreased	Normal or Increased
IDON.			

IRON:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

1.Serum iron studies is recommended for differential diagnosis of microcytic hypochromic anemia.i.e iron deficiency anemia, zinc deficiency

anemia, anemia of chronic disease and thalassemia syndromes.
 It is essential to isolate iron deficiency anemia from Beta thalassemia syndromes because during iron replacement which is therapeutic for iron deficiency anemia, is severely contra-indicated in Thalassemia.
 **TOTAL IRON BINDING CAPACITY (TIBC):** It is a direct measure of protein transferrin which transports iron from the gut to storage sites in the bone marrow.

#### % TRANSFERRIN SATURATION:

1. Occurs in idiopathic hemochromatosis and transfusional hemosiderosis where no unsaturated iron binding capacity is available for iron mobilization. Similar condition is seen in congenital deficiency of transferrin.





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







				a <b>m Chopra</b> ID (Pathology) ant Pathologist	
NAME	: Mr. KUNAL GAUTAM				
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BARCODE NO.	:01519966		COLLECTION DATE	:03/Nov/2024 10:30AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAE	3	<b>REPORTING DATE</b>	:03/Nov/2024 12:35PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON	ROAD, AMBALA CANT	Т		
Test Name		Value	Unit	Biological Refe	rence interval
		THYROID FUN	CTION TEST: TOTA	L	
TRIIODOTHYRONI	NE (T3): SERUM IESCENT MICROPARTICLE IM	0.965	ng/mI	0.35 - 1.93	
THYROXINE (T4): S		4.7 <sup>L</sup>	μgm/c	IL 4.87 - 12.60	
	TING HORMONE (TSH)		µIU/m	L 0.35 - 5.50	
3rd GENERATION, ULT	IESCENT MICROPARTICLE IM RASENSITIVE	WUNUASSAY)			
INTERPRETATION:					
day has influence on the triiodothyronine (T3).Fai	measured serum TSH concentra	<i>ations</i> . TSH stimulates the p	production and secretion of the	0 pm. The variation is of the order of 50 metabolically active hormones, thyr ther underproduction (hypothyroidis	oxine (T4)and
CLINICAL CONDITION	T	3	T4	TSH	]
Primary Hypothyroidis		educed	Reduced	Increased (Significantly)	
Subclinical Hypothyroi	dism: Norma	al or Low Normal	Normal or Low Normal	High	

LIM	ΙΤΑΤ	IONS:-	

Primary Hyperthyroidism:

Subclinical Hyperthyroidism:

1. T3 and T4 circulates in reversibly bound form with Thyroid binding globulins (TBG), and to a lesser extent albumin and Thyroid binding Pre Albumin so conditions in which TBG and protein levels alter such as pregnancy, excess estrogens, androgens, anabolic steroids and glucocorticoids may falsely affect the T3 and T4 levels and may cause false thyroid values for thyroid function tests.

Increased

Normal or High Normal

Reduced (at times undetectable)

Reduced

2. Normal levels of T4 can also be seen in Hyperthyroid patients with :T3 Thyrotoxicosis, Decreased binding capacity due to hypoproteinemia or ingestion of certain drugs (e.g.: phenytoin , salicylates).

3. Serum T4 levels in neonates and infants are higher than values in the normal adult , due to the increased concentration of TBG in neonate serum.

4. TSH may be normal in central hypothyroidism , recent rapid correction of hyperthyroidism or hypothyroidism , pregnancy , phenytoin therapy.

TRIIODOTH	YRONINE (T3)	THYROXINE (T4)		THYROID STIMULATING HORMONE (TSH)	
Age	Refferance Range (ng/mL)	Age	Refferance Range (µg/dL)	Age	Reference Range (μIU/mL)
0 - 7 Days	0.20 - 2.65	0 - 7 Days	5.90 - 18.58	0 - 7 Days	2.43 - 24.3
7 Days - 3 Months	0.36 - 2.59	7 Days - 3 Months	6.39 - 17.66	7 Days - 3 Months	0.58 - 11.00
3 - 6 Months	0.51 - 2.52	3 - 6 Months	6.75 - 17.04	3 Days – 6 Months	0.70 - 8.40
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 – 12 Months	0.70 - 7.00

Increased

Normal or High Normal





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







	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mr. KUNAL GAUTAM		
AGE/ GENDER	: 41 YRS/MALE	PATIENT ID	: 1659408
<b>COLLECTED BY</b>	: SURJESH	<b>REG. NO./LAB NO.</b>	: 012411030016
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	TT	

Test Name			Value	Unit	t	<b>Biological Reference interval</b>
1 - 10 Years	0.92 - 2.28	1 - 10 Years	6.00 - 13.80	1 – 10 Years	0.60 - 5.50	
11- 19 Years	0.35 - 1.93	11 - 19 Years	4.87-13.20	11 – 19 Years	0.50 - 5.50	
> 20 years (Adults)	0.35 - 1.93	> 20 Years (Adults)	4.87 - 12.60	> 20 Years (Adults)	0.35-5.50	
	RECON	IMENDATIONS OF TSH LI	EVELS DURING PRE	GNANCY ( µIU/mL)		
	1st Trimester			0.10 - 2.50		
	2nd Trimester			0.20 - 3.00		
	3rd Trimester			0.30 - 4.10		

#### **INCREASED TSH LEVELS:**

1. Primary or untreated hypothyroidism may vary from 3 times to more than 100 times normal depending upon degree of hypofunction.

2. Hypothyroid patients receiving insufficient thyroid replacement therapy.

3.Hashimotos thyroiditis

4.DRUGS: Amphetamines, iodine containing agents & dopamine antagonist.

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

# DECREASED TSH LEVELS:

1.Toxic multi-nodular goiter & Thyroiditis.

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

3. Autonomously functioning Thyroid adenoma

4. Secondary pituitary or hypothalamic hypothyroidism

5. Acute psychiatric illness

6.Severe dehydration.

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

8.Pregnancy: 1st and 2nd Trimester





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	Dr. Vinay Ch MD (Pathology & Chairman & Cor			(Pathology)
IAME	: Mr. KUNAL GAUTAM			
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BARCODE NO.	: 01519966		COLLECTION DATE	:03/Nov/2024 10:30AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:03/Nov/202401:14PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANT	Г	
Test Name		Value	Unit	Biological Reference interval
		TESTOST	ERONE: TOTAL	
TESTOSTERONE - '	TOTAL: SERUM	4.941	ng/mL	2.3 - 8.58
3.Testoxicosis 4.Congenital Adrena 5.Polycystic ovarian 7.Ovarian tumors <b>DECREASED LEVELS:</b> 1.Delayed puberty (N 2.Gonadotropin defi 3.Testicular defects 4.Systemic diseases	diséasé Males)			
	there a		Guopra	





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





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Chopra v & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
JAME	: Mr. KUNAL GAUTAM			
AGE/ GENDER	: 41 YRS/MALE	PAT	IENT ID	: 1659408
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	:03/Nov/2024 11:59AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		VITAM	NS	
	VI	TAMIN D/25 HYDR	DXY VITAMIN D	8
			ng/mI	
by CLIA (CHEMILUMIN	DROXY VITAMIN D3): SERU escence immunoassay)	JМ <b>9<sup>L</sup></b>	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
by CLIA (CHEMILUMIN INTERPRETATION:		< 20		INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
by CLIA (CHEMILUMIN I <u>NTERPRETATION:</u> DEFI INSUFI	ESCENCE IMMUNOASSAY) CIENT: FICIENT:	< 20 21 - 29		INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
by CLIA (CHEMILUMIN INTERPRETATION: DEFI INSUF PREFFERI INTOXI 1.Vitamin D compour	ESCENCE IMMUNOASSAY)  CIENT: FICIENT: ED RANGE: CATION: Inds are derived from dietary e	< 20 21 - 29 30 - 100 > 100 rgocalciferol (from plants	ng ng ng ng ng s, Vitamin D2), or chol	INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
by CLIA (CHEMILUMIN INTERPRETATION: INSUF PREFFERI INSUF 1.Vitamin D compour conversion of 7- dihy 2.25-OHVitamin D r tissue and tightly bou 3.Vitamin D plays a p phosphate reabsorpt 4.Severe deficiency n DECREASED: 1.Lack of sunshine exe, 3.Depressed Hepatic 4.Secondary to advar	ESCENCE IMMUNOASSAY)   CIENT:  FICIENT:  D RANGE:  CATION:  Inds are derived from dietary e drocholecalciferol to Vitamin epresents the main body reserund by a transport protein wh rimary role in the maintenance ion, skeletal calcium depositio nay lead to failure to mineraliz posure.  malabsorption (celiac disease Vitamin D 25- hydroxylase act	< 20 21 - 29 30 - 100 > 100 raocalciferol (from plants D3 in the skin upon Ultra voir and transport form o ile in circulation. se of calcium homeostatis on, calcium mobilization, te newly formed osteoid is e) :ivity	ng ng ng ng ng ng ng ng ng ng ng ng ng n	INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0 //mL //mL //mL /mL /mL /mL /mL

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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







	Dr. Vinay Cl MD (Pathology Chairman & Co		icrobiology) MD (Pathology)	
NAME	: Mr. KUNAL GAUTAM			
AGE/ GENDER	: 41 YRS/MALE		PATIENT ID	: 1659408
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012411030016
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CLIENT ADDRESS	: 6349/1, NICHOLSON F	ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
1.Ingestion of Vitan 2.Ingestion of Estro	nin C	1.Pregn 2.DRUG		
	SED VITAMIN B12		DECREASED VITAMIN	N B12
				, Colchicine
3.Ingestion of Vitan			ol Igestion	
4.Hepatocellular in			aceptive Harmones	
5.Myeloproliferativ 6.Uremia	e disorder		odialysis ole Myeloma	
1.Vitamin B12 (coba	amin) is necessary for her	natopoiesis and norma		otion
				n and returning it to the liver; very little is
4.Vitamin B12 deficie	ency may be due to lack of	IF secretion by gastric i	nucosa (eg, gastrectomy, g	astric atrophy) or intestinal malabsorption (eq
ileal resection, smal	intestinal diseases).			
				weakness, hyperreflexia, ataxia, loss of occur in any combination; many patients have
the neurologic defec	ts without macrocytic aner	nia.		5 51
			d in vitamin B12 deficiency	
NOTE: A normal serur	n concentration of vitamin	B12 does not rule out	issue deficiency of vitamin	al cause of vitamin B12 malabsorption. B12. The most sensitive test for vitamin B12
deficiency at the cell	ular level is the assay for N	1MA. If clinical symptor		surement of MMA and homocysteine should b
considered, even if s	erum vitamin B12 concent	rations are normal.		

57  $\sim 10^{\circ}$ 



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Page 19 of 21





		Dr. Vinay Chop MD (Pathology & M Chairman & Consult	icrobiology)		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME	: Mr. KUNA	L GAUTAM					
AGE/ GENDER	: 41 YRS/M/	ALE		PATIENT ID	: 165	59408	
COLLECTED BY	: SURJESH			REG. NO./LAB NO.	:01	2411030016	
<b>REFERRED BY</b>	:			<b>REGISTRATION DA</b>	<b>TE</b> : 03/	/Nov/2024 10:2	9 AM
BARCODE NO.	:01519966			COLLECTION DATE		/Nov/2024 10:3	
CLIENT CODE.		NOSTIC LAB		<b>REPORTING DATE</b>		/Nov/2024 11:5	
CLIENT ADDRESS		ICHOLSON ROAD, AM					
Test Name			Value	Unit	t	Biological	Reference interval
			TUMOU	R MARKER			
		PROSTAT	E SPECIFIC	ANTIGEN (PSA)	- TOTAL		
PROSTATE SPECIFI SERUM by CLIA (CHEMILUMINE INTERPRETATION: NOTE: 1. This is a recommen	ESCENCE IMMU	INOASSAY)	0.61 cancer along w	ng/ ith Digital Rectal Exar	mination (DRI	0.0 - 4.0 E) in males abov	e 50 years of age.
needle biopsy of pros 5. PSA values regardle correlated with clinic 6. Sites of Non-prosta	ear consisten ting following tate is not rec ess of levels sl al findings an atic PSA produ	tly elevated / depress g digital rectal examin commended as they fa hould not be interpret ind results of other inv uction are breast epitl	ed due to the i ation, ejaculat alsely elevate le ted as absolute estigations helium, salivar	nterference by heter ion, prostatic massage evels e evidence of the pres y glands, peri-urethra	ophilic antibo ge, indwelling sence or abse al & anal glar	odies & nonspec g catheterization ence of disease nds, cells of male	ific protein binding n, ultrasonography and
	ibration, and ING INTERVAL seline)	reagent specificity.	ined with assay	rs from different man	ufacturers, m	nay not be comp	arable due to differences
3. Prior to discharge f	from hospital						
4. Monthly Follow Up	if levels are l	high and showing a ris	sing trend	FREQUENCY OF T	ESTINC		
	1st Year			Every 3 Mont			
	2 <sup>nd</sup> Year			Every 4 Mont			
3	<sup>rd</sup> Year Onwa	rds		Every 6 Mont	ths		
CLINICAL USE:	detection of F	Prostate cancer when		ction with Digital rec	tal examinati	ion in males mor	re than 50 years of age

KOS Diagnostic Lab (A Unit of KOS Healthcare)

1. Prostate cancer

2. Benign Prostatic Hyperplasia

3. Prostatitis

4. Genitourinary infections

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

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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

2. Followup and management of Prostate cancer patients.

3. Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer

INCREASED LEVEL:





	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Mr. KUNAL GAUTAM		
AGE/ GENDER	: 41 YRS/MALE	PATIENT ID	: 1659408
<b>COLLECTED BY</b>	: SURJESH	<b>REG. NO./LAB NO.</b>	: 012411030016
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 03/Nov/2024 10:29 AM
BARCODE NO.	: 01519966	<b>COLLECTION DATE</b>	: 03/Nov/2024 10:30AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 03/Nov/2024 11:59AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
Test Name	Value	Unit	Biological Reference interval

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





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