



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	robiology)		(Pathology)
NAME	: Mr. PAWAN GOEL			
AGE/ GENDER	: 49 YRS/MALE	1	PATIENT ID	: 1695438
COLLECTED BY	:	1	REG. NO./LAB NO.	: 012412100006
REFERRED BY	:]	REGISTRATION DATE	: 10/Dec/2024 08:10 AM
BARCODE NO.	:01522241		COLLECTION DATE	: 10/Dec/2024 08:32AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 10/Dec/2024 08:39AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTI		
Test Name		Value	Unit	Biological Reference interval
			LLNESS PANEL: 1.5 OOD COUNT (CBC)	
RED BLOOD CELL	S (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (H	IB)	16.2	gm/dL	12.0 - 17.0
RED BLOOD CELL	(RBC) COUNT FOCUSING, ELECTRICAL IMPEDENCE	5.75 ^H	Millions/	cmm 3.50 - 5.00
PACKED CELL VOL		50	%	40.0 - 54.0
MEAN CORPUSCUI	AR VOLUME (MCV) automated hematology analyzer	86.9	fL	80.0 - 100.0
	LAR HAEMOGLOBIN (MCH) automated hematology analyzer	28.1	pg	27.0 - 34.0
	LAR HEMOGLOBIN CONC. (MCHC) AUTOMATED HEMATOLOGY ANALYZER	32.3	g/dL	32.0 - 36.0
	BUTION WIDTH (RDW-CV) AUTOMATED HEMATOLOGY ANALYZER	14.7	%	11.00 - 16.00
	BUTION WIDTH (RDW-SD) automated hematology analyzer	47.7	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		15.11	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IN by CALCULATED	DEX	22.16	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CH				
TOTAL LEUCOCYT	E COUNT (TLC) y by sf cube & microscopy	7480	/cmm	4000 - 11000
	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
	BLOOD CELLS (nRBCS) % automated hematology analyzer	NIL	%	< 10 %





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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Yugam Chopra

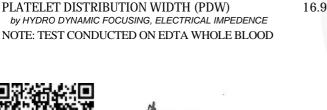
MD (Pathology)

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. PAWAN GOEL AGE/ GENDER : 49 YRS/MALE **PATIENT ID** :1695438 **COLLECTED BY** REG. NO./LAB NO. :012412100006 **REFERRED BY REGISTRATION DATE** : 10/Dec/2024 08:10 AM **BARCODE NO.** :01522241 **COLLECTION DATE** : 10/Dec/2024 08:32AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 10/Dec/2024 08:39AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 54% 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 35 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 8 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 4039 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2618 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 224/cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 598 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 202000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.28 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 108000^H

53.4^H

Dr. Vinay Chopra

MD (Pathology & Microbiology)



by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

PLATELET LARGE CELL RATIO (P-LCR)

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

%

%





11.0 - 45.0

15.0 - 17.0





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Test Name	Value	Unit	Biological Reference interval



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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 10/Dec/2024 12:25PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM			
Test Name		Value	Unit	Biological Reference interval
GLYCOSYLATED HA WHOLE BLOOD	GLYCOS EMOGLOBIN (HbA1c):	6.4	AEMOGLOBIN (HBA1) %	4. 0 - 6.4
ESTIMATED AVERA	RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	136.98	mg/dL	60.00 - 140.00
ESTIMATED AVERA	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)			60.00 - 140.00
ESTIMATED AVERA by HPLC (HIGH PERFOI INTERPRETATION:	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN D REFERENCE GROUP	ABETES ASSOCIA		
ESTIMATED AVERA by HPLC (HIGH PERFOR INTERPRETATION:	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN D REFERENCE GROUP abetic Adults >= 18 years	ABETES ASSOCIA	ATION (ADA): YCOSYLATED HEMOGLOGIB <5.7	
ESTIMATED AVERA by HPLC (HIGH PERFOI INTERPRETATION: Non dia A	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN D REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	ABETES ASSOCIA	ATION (ADA): .YCOSYLATED HEMOGLOGIB <5.7 5.7 - 6.4	
ESTIMATED AVERA by HPLC (HIGH PERFOI INTERPRETATION: Non dia A	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN D REFERENCE GROUP abetic Adults >= 18 years	ABETES ASSOCIA	ATION (ADA): .YCOSYLATED HEMOGLOGIB <5.7 5.7 - 6.4 >= 6.5	
ESTIMATED AVERA by HPLC (HIGH PERFOI INTERPRETATION: Non dia A D	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN D REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes) iagnosing Diabetes	ABETES ASSOCIA GL	ATION (ADA): <u> YCOSYLATED HEMOGLOGIB</u> <5.7 5.7 – 6.4 >= 6.5 Age > 19 Years of Therapy:	
ESTIMATED AVERA by HPLC (HIGH PERFOI INTERPRETATION: Non dia A D	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN D REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	ABETES ASSOCIA GL	ATION (ADA): YCOSYLATED HEMOGLOGIB <5.7 5.7 - 6.4 >= 6.5 Age > 19 Years	(HBAIC) in %

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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
immune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus eryth CONDITION WITH LO	does not tell the health practition ected by other conditions besides in be used to monitor disease activity ematosus	er exactly where t nflammation. For y and response to	he inflammation is in the this reason, the ESR is ty therapy in both of the a	pically used in conjunction with other test such bove diseases as well as some others, such as
(polycythaemia), sigr as sickle cells in sick NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 5. Drugs such as dexi	hificantly high white blood cell coule cell anaemia) also lower the ESF e protein (C-RP) are both markers of es not change as rapidly as does CR I by as many other factors as is ESR, ed, it is typically a result of two typication of the two typication of two typications of two ty	Int (leucocytosis) R. of inflammation. P, either at the st , making it a bette bes of proteins, gl and pregnancy ca	, and some protein abno art of inflammation or a r marker of inflammatior obulins or fibrinogen. In cause temporary eleva	ormalities. Šome changes in red cell shape (sucl s it resolves. n.





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		& Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. PAWAN GOEL			
AGE/ GENDER	: 49 YRS/MALE	PATI	ENT ID	: 1695438
COLLECTED BY	:	REG.	NO./LAB NO.	: 012412100006
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BARCODE NO.	: 01522241	COLL	ECTION DATE	: 10/Dec/2024 08:32AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 10/Dec/2024 11:36AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI	ICAL CHEMISTRY	/BIOCHEMIST	'RY
		CLUCOSE EAST	FING (F)	
		GLUCUSE FAS		

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

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.

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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	MD (Patholog	Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist		
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. PAWAN GOEL : 49 YRS/MALE : : : 01522241 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA	REGIS COLLI REPO	ENT ID NO./LAB NO. TRATION DATE ECTION DATE RTING DATE	: 1695438 : 012412100006 : 10/Dec/2024 08:10 AM : 10/Dec/2024 08:32AM : 10/Dec/2024 01:33PM
Test Name		Value	Unit	Biological Reference interval
L		LIPID PROFILE	. PASIC	
CHOLESTEROL TOT by CHOLESTEROL OX		125.58	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SE by GLYCEROL PHOSP	ERUM HATE OXIDASE (ENZYMATIC)	129.21	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL by SELECTIVE INHIBITI		34.58	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL by CALCULATED, SPEC		65.16	mg/dL	OPTIMAL: < 100.0 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 by CALCULATED, SPEC		91	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTERO		25.84	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER	UM	380.37	mg/dL	350.00 - 700.00
by CALCULATED, SPEC	L RATIO: SERUM	3.63	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.88	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	3.74	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.

3. 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. 4. 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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Test Name		Value	Unit	Biological Reference interval
BILIRUBIN TOTAL:		FUNCTION 0.69	TEST (COMPLETE) mg/dL	INFANT: 0.20 - 8.00
by DIAZOTIZATION, SPECTROPHOTOMETRY			Ũ	ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY		0.22	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	CT (UNCONJUGATED): SERUM CTROPHOTOMETRY	0.47	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		37.9	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY		39.9	U/L	0.00 - 49.00
AST/ALT RATIO: SE	ERUM	0.95	RATIO	0.00 - 46.00
ALKALINE PHOSPH		81.95	U/L	40.0 - 130.0
	L TRANSFERASE (GGT): SERUM	28.13	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRON	SERUM	7.54	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.53	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	[3.01	gm/dL	2.30 - 3.50
A : G RATIO: SERUN	Л	1.5	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





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	MD (Pathology & Chairman & Con	0, ,	MD CEO & Consultant	(Pathology) Pathologist
	Dr. Vinay Ch	opra	Dr. Yugarr	n Chopra

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).

PROGNOSTIC SIGNIFICANCE:	

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



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SU 9001 : 2008 CERT	IFIED LAB		EXCELLENCE IN HEALTHCARE & D	INGNOSTICS
	Dr. Vinay Cho MD (Pathology & M Chairman & Consu	licrobiology)	Dr. Yugam (MD (Pa CEO & Consultant Pa	athology)
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REFERRED BY	:	RE	GISTRATION DATE	: 10/Dec/2024 08:10 AM
BARCODE NO.	:01522241	CO	LLECTION DATE	: 10/Dec/2024 08:32AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 10/Dec/2024 04:46PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	/IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	KIDNE	Y FUNCTION 1	FEST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAM	IATE DEHYDROGENASE (GLDH)	42.76	mg/dL	10.00 - 50.00
CREATININE: SERU	JM	1.74 ^H	mg/dL	0.40 - 1.40
BLOOD UREA NITR by CALCULATED, SPE	COGEN (BUN): SERUM	19.98	mg/dL	7.0 - 25.0
BLOOD UREA NITE RATIO: SERUM	ROGEN (BUN)/CREATININE	11.48	RATIO	10.0 - 20.0
by CALCULATED, SPE UREA/CREATININ	E RATIO: SERUM	24.57	RATIO	
by CALCULATED, SPE URIC ACID: SERUM	[6.83	mg/dL	3.60 - 7.70
by URICASE - OXIDAS CALCIUM: SERUM by ARSENAZO III, SPE		9.83	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE		2.63	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIV	'E ELECTRODE)	146.8	mmol/L	135.0 - 150.0
POTASSIUM: SERU		4.69	mmol/L	3.50 - 5.00
CHLORIDE: SERUM	'E ELECTRODE)	100.1	mmol/L	90.0 - 110.0
ESTIMATED GLOM	IERULAR FILTERATION RATE			
(eGFR): SERUM by CALCULATED	ERULAR FILTERATION RATE	47.5		
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)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



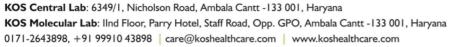


		Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	Dr. \ CEO & Cor	Yugam Ch MD (Path Insultant Path	nology)		
IAME	: Mr. PAWA	N GOEL						
AGE/ GENDER	: 49 YRS/MA	LE	F	PATIENT ID	:	1695438		
COLLECTED BY	:		F	REG. NO./LAB NO	. :	0124121000()6	
REFERRED BY				REGISTRATION D		10/Dec/2024 0		
BARCODE NO.	:01522241			COLLECTION DAT		10/Dec/20240		
CLIENT CODE.	: KOS DIAGN			REPORTING DAT	E :	10/Dec/2024 0	4:46PM	
CLIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD, AMB	ALA CANTT					
Fest Name			Value	Un	it	Biolog	ical Referenc	e interval
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	kia, high fever (e.g. ureter co ass (subnorma tetracycline, g 0:1) WITH ELEV (BUN rises dis superimposed	lostomy) Il creatinine production lucocorticoids) /ATED CREATININE LEVE proportionately more t on renal disease.) LS:				rome, high pro	tein diet,
2. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. NCREASED RATIO (>2 4. Postrenal azotemia DECREASED RATIO (>1 4. Acute tubular necr 5. Low protein diet ar 6. Other causes of de 6. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide thera 8. Rabdomyolysis (ro 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido hould produce an in	ke or producti- kia, high fever (e.g. ureter co ass (subnorma tetracycline, g 0:1) WITH ELEN (BUN rises dis superimposed 0:1) WITH DEC osis. d starvation. creased urea s urea rather th monemias (uro f inappropiate 0:1) WITH INC oy (accelerate eleases muscle who develop r sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATI). lostomy) il creatinine production lucocorticoids) /ATED CREATININE LEVE sproportionately more t on renal disease. REASED BUN : ynthesis. an creatinine diffuses c ea is virtually absent in antidiuretic harmone) REASED CREATININE: s conversion of creatine e creatinine). enal failure. ate causes false increas creatinine ratio). s with creatinine measu) LS: han creatinin ut of extrace blood). due to tubula to creatinine e in creatinine rement). GFR (ml	ne) (e.g. obstructive Illular fluid). ar secretion of urea	e uropathy). a. hodologies ASSOCI No Preser		rmal ratio whe	



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

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









: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT	
: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT	
: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Dec/2024 04:46PM
:01522241	COLLECTION DATE	: 10/Dec/2024 08:32AM
:	REGISTRATION DATE	: 10/Dec/2024 08:10 AM
:	REG. NO./LAB NO.	: 012412100006
: 49 YRS/MALE	PATIENT ID	: 1695438
: Mr. PAWAN GOEL		
		m Chopra D (Pathology)
	MD (Pathology & Chairman & Cons : Mr. PAWAN GOEL : 49 YRS/MALE : : : : 01522241 : KOS DIAGNOSTIC LAB	MD (Pathology & Microbiology) Chairman & Consultant Pathologist CEO & Consultant : Mr. PAWAN GOEL : 49 YRS/MALE PATIENT ID : REG. NO./LAB NO. : REGISTRATION DATE : 01522241 COLLECTION DATE : KOS DIAGNOSTIC LAB REPORTING DATE

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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MBBS, MD (PATHOLOGY)

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		Dr. Vinay Chopra MD (Pathology & Microbiolog ₎ Chairman & Consultant Pathol	y) M	m Chopra D (Pathology) nt Pathologist	
NAME	: Mr. PAWAN	GOEL			
AGE/ GENDER	: 49 YRS/MAL	Ε	PATIENT ID	: 1695438	
COLLECTED BY	:		REG. NO./LAB NO.	: 012412100006	
REFERRED BY	:		REGISTRATION DATE	: 10/Dec/2024 08:10 AM	
BARCODE NO.	:01522241		COLLECTION DATE	: 10/Dec/2024 08:32AM	
CLIENT CODE.	: KOS DIAGNO	STIC LAB	REPORTING DATE	: 10/Dec/2024 01:33PM	
CLIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD, AMBALA CAI	NTT		
Test Name		Value	Unit	Biological Reference i	nterval
		IR	ON PROFILE		
IRON: SERUM	CTROPHOTOMETRY	134.3	β μg/dL	59.0 - 158.0	
UNSATURATED IR	ON BINDING CA	APACITY (UIBC) 166.5	5 μg/dL	150.0 - 336.0	
:SERUM by FERROZINE, SPEC	TROPHOTOMETER	γ			
TOTAL IRON BIND			β5 μg/dL	230 - 430	
:SERUM			101		
by SPECTROPHOTON %TRANSFERRIN S		ERUM 44.64	%	15.0 - 50.0	
by CALCULATED, SPE		ERY (FERENE)			
TRANSFERRIN: SE by SPECTROPHOTON		213.6	mg/dL	200.0 - 350.0	
INTERPRETATION:-	ETERT (FERENE)				
VARIA	BLES	ANEMIA OF CHRONIC DISEA	SE IRON DEFICIENCY ANEI	MIA THALASSEMIA α/β TRAIT	
SERUM I	RON:	Normal to Reduced	Reduced	Normal	
		_			

TOTAL IRON BINDING CAPACITY: Normal Decreased Increased % TRANSFERRIN SATURATION: Decreased Decreased < 12-15 % Normal **SERUM FERRITIN:** Normal to Increased Decreased Normal or Increased

IRON:

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





		Chopra y & Microbiology) onsultant Pathologis	M	m Chopra D (Pathology) nt Pathologist	
NAME	: Mr. PAWAN GOEL				
AGE/ GENDER	: 49 YRS/MALE		PATIENT ID	: 1695438	
COLLECTED BY	:		REG. NO./LAB NO.	: 012412100006	
REFERRED BY	:		REGISTRATION DATE	: 10/Dec/2024 08:10 AM	
BARCODE NO.	:01522241		COLLECTION DATE	: 10/Dec/2024 08:32AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 10/Dec/2024 11:36AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTI	2		
Test Name		Value	Unit	Biological Reference inte	erval
		ENDOC	RINOLOGY		
	1	THYROID FUNC	CTION TEST: TOTAL		
TRIIODOTHYRONI	NE (T3): SERUM IESCENT MICROPARTICLE IMMUN	0.59 DASSAY)	ng/mI	0.35 - 1.93	
THYROXINE (T4): S	SERUM iescent microparticle immun	8.83 DASSAY)	μgm/d	L 4.87 - 12.60	
	TING HORMONE (TSH): SE		µIU/m	L 0.35 - 5.50	
3rd GENERATION, ULT		UASSAT)			
INTERPRETATION:					
day has influence on the trilodothyronine (T3).Fai	measured serum TSH concentrations	. TSH stimulates the pr	oduction and secretion of the	<i>Dpm. The variation is of the order of 50%.Hence tir</i> metabolically active hormones, thyroxine (T4)ar ther underproduction (hypothyroidism) or	
CLINICAL CONDITION	T3		T4	TSH	
Primary Hypothyroidis		b	Reduced	Increased (Significantly)	
Subclinical Hypothyroi	dism: Normal or L	ow Normal	Normal or Low Normal	High	

111	ALT A	VIC.

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)	THYROX	(INE (T4)	THYROID STIMU	LATING 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





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

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		Dr. Vinay Ch MD (Pathology & Chairman & Con		1	am Chopra MD (Pathology) tant Pathologist
NAME	: Mr. PAWA	N GOEL			
AGE/ GENDER	: 49 YRS/MA	LE		PATIENT ID	: 1695438
COLLECTED BY	:			REG. NO./LAB NO.	: 012412100006
REFERRED BY	:			REGISTRATION DATI	E : 10/Dec/2024 08:10 AM
BARCODE NO.	:01522241			COLLECTION DATE	: 10/Dec/2024 08:32AM
CLIENT CODE.	: KOS DIAGN	OSTIC LAB		REPORTING DATE	: 10/Dec/2024 11:36AM
CLIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD,	AMBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
1 - 10 Voars	0 92 - 2 28	1 10 Voars	6 00 13 80	1 - 10 Years	0.60 5.50

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
	RECOM	MENDATIONS OF TSH LE	VELS DURING PREG	NANCY (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





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.



	MD (Path	ay Chopra ology & Microbiology) & Consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. PAWAN GOEL			
AGE/ GENDER	: 49 YRS/MALE]	PATIENT ID	: 1695438
COLLECTED BY		-	REG. NO./LAB NO.	: 012412100006
REFERRED BY			REGISTRATION DATE	: 10/Dec/2024 08:10 AM
	. 01500041			
BARCODE NO.	:01522241		COLLECTION DATE	: 10/Dec/2024 08:32AM
CLIENT CODE.	: KOS DIAGNOSTIC LAI		REPORTING DATE	: 10/Dec/2024 11:36AM
CLIENT ADDRESS	: 6349/1, NICHOLSON	ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		VITA	AMINS	
			DROXY VITAMIN D	3
	DROXY VITAMIN D3): 5 ESCENCE IMMUNOASSAY)	ERUM 53.787	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0
				TOXICITY: > 100.0
		< 20	n	
DEFI	CIENT: FICIENT:	< 20 21 - 29		g/mL
INSUF PREFFERI INTOXI	FICIENT: ED RANGE: CATION:	21 - 29 30 - 100 > 100	n n n	

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)







AGE/ GENDER : 49 YRS/MALE PATIENT ID : 1695438 COLLECTED BY :
REFERRED BY : REGISTRATION DATE : 10/Dec/2024 08:10 AM BARCODE NO. : 01522241 COLLECTION DATE : 10/Dec/2024 08:32AM CLIENT CODE. : KOS DIAGNOSTIC LAB REPORTING DATE : 10/Dec/2024 11:36AM CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit Biological Reference interval VITAMIN B12/COBALAMIN: SERUM 881.54 ^H pg/mL 190.0 - 830
BARCODE NO. : 01522241 COLLECTION DATE : 10/Dec/2024 08:32AM CLIENT CODE. : KOS DIAGNOSTIC LAB REPORTING DATE : 10/Dec/2024 11:36AM CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit Biological Reference interval VITAMIN B12/COBALAMIN: SERUM 881.54 ^H pg/mL 190.0 - 830
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/ITAMIN B12/COBALAMIN: SERUM 881.54^H pg/mL 190.0 - 830
NTERPRETATION:-
1 Industion of Vitamin C
2.Ingestion of Estrogen 2.DRUGS: Aspirin, Anti-convulsants, Colchicine
2.Ingestion of Estrogen 2.DRUGS:Aspirin, Anti-convulsants, Colchicine 3.Ingestion of Vitamin A 3.Ethanol Igestion
2.Ingestion of Estrogen 2.DRUGS:Aspirin, Anti-convulsants, Colchicine 3.Ingestion of Vitamin A 3.Ethanol Igestion 4.Hepatocellular injury 4. Contraceptive Harmones
2.Ingestion of Estrogen2.DRUGS:Aspirin, Anti-convulsants, Colchicine3.Ingestion of Vitamin A3.Ethanol Igestion4.Hepatocellular injury4. Contraceptive Harmones5.Myeloproliferative disorder5.Haemodialysis
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2.Ingestion of Estrogen 2.DRUGS:Aspirin, Anti-convulsants, Colchicine 3.Ingestion of Vitamin A 3.Ethanol Igestion 4.Hepatocellular injury 4. Contraceptive Harmones 5.Myeloproliferative disorder 5.Haemodialysis 6.Uremia 6. Multiple Myeloma 1.Vitamin B12 (cobalamin) is necessary for hematopoiesis and normal neuronal function. 2.In humans, it is obtained only from animal proteins and requires intrinsic factor (IF) for absorption. 3.The body uses its vitamin B12 stores very economically, reabsorbing vitamin B12 from the ileum and returning it to the liver; very little is
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2.Ingestion of Estrogen 2.DRUGS:Aspirin, Anti-convulsants, Colchicine 3.Ingestion of Vitamin A 3.Ethanol Igestion 4.Hepatocellular injury 4. Contraceptive Harmones 5.Myeloproliferative disorder 5.Haemodialysis
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2.Ingestion of Estrogen 2.DRUGS:Aspirin, Anti-convulsants, Colchicine 3.Ingestion of Vitamin A 3.Ethanol Igestion 4.Hepatocellular injury 4. Contraceptive Harmones 5.Myeloproliferative disorder 5.Haemodialysis 6.Uremia 6. Multiple Myeloma
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2.Ingestion of Estrogen 2.DRUGS: Aspirin, Anti-convulsants, Colchicine
1.Ingestion of Vitamin C 1.Pregnancy
INCREASED VITAMIN B12 DECREASED VITAMIN B12
INCREASED VITAMIN B12 DECREASED VITAMIN B12
INCREASED VITAMIN B12 DECREASED VITAMIN B12

NOTE: A normal serum concentration of vitamin B12 does not rule out tissue deficiency of vitamin B12. The most sensitive test for vitamin B12 deficiency at the cellular level is the assay for MMA. If clinical symptoms suggest deficiency, measurement of MMA and homocysteine should be considered, even if serum vitamin B12 concentrations are normal.





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.



130 9001 : 2008 CERTIFIED L	AD		EXCELLENCE IN HEALTHCARE	a DIAGNOSTICS		
Dr. Vinay Cho MD (Pathology & Chairman & Cons		Microbiology) MD		(Pathology)		
NAME : Mr. 1	PAWAN GOEL					
AGE/ GENDER : 49 Y	RS/MALE	PATI	ENT ID	: 1695438		
COLLECTED BY :		REG. NO./LAB NO.		: 012412100006		
REFERRED BY :		REGISTRATION DATE		: 10/Dec/2024 08:10 AM		
BARCODE NO. : 01522241		COLLECTION DATE		: 10/Dec/2024 08:32AM		
CLIENT CODE.: KOS DIAGNOSTIC LABCLIENT ADDRESS: 6349/1, NICHOLSON ROAD, A		REPORTING DATE		: 10/Dec/2024 01:01PM		
CLIENT ADDRESS : 6349	77 I, MICHOLSON KOAD, AI	VIDALA CAIVI I				
Test Name		Value	Unit	Biological Reference interval		
		CLINICAL PAT	HOLOGY			
	URINE ROU	TINE & MICROS	COPIC EXAMINA	ATION		
PHYSICAL EXAMINATION						
QUANTITY RECIEVED		10	ml			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY COLOUR		AMBER YELLO	W	PALE YELLOW		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			vv			
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		CLEAR		CLEAR		
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		1.01		1.002 - 1.030		
CHEMICAL EXAMINATIO						
REACTION		ACIDIC				
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY PROTEIN		Negative		NEGATIVE (-ve)		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY						
SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		1+		NEGATIVE (-ve)		
pH		<=5.0		5.0 - 7.5		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BILIRUBIN		Negative		NEGATIVE (-ve)		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY						
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.		Negative		NEGATIVE (-ve)		
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Normal	EU/dL	0.2 - 1.0		
KETONE BODIES		Negative		NEGATIVE (-ve)		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BLOOD		Negative		NEGATIVE (-ve)		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-ve)		NEGATIVE (-ve)		
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-Ve		NEGATIVE (-Ve)		
MICROSCOPIC EXAMINA						
RED BLOOD CELLS (RBCs) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		NEGATIVE (-ve	e) /HPF	0 - 3		

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT





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





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EXCELLENCE IN HEALTHCARE & DIAGNOSTIC Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist

	Dr. Vinay Ch MD (Pathology & Chairman & Cons	Microbiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. PAWAN GOEL			
AGE/ GENDER	: 49 YRS/MALE	PATI	ENT ID	: 1695438
COLLECTED BY	:	REG.	NO./LAB NO.	: 012412100006
REFERRED BY	:	REGI	STRATION DATE	: 10/Dec/2024 08:10 AM
BARCODE NO.	:01522241	COLL	ECTION DATE	: 10/Dec/2024 08:32AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 10/Dec/2024 01:01PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
PUS CELLS by MICROSCOPY ON (CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	0-2	/HPF	ABSENT
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT

End Of Report



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