

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME	: Mr. HARJINDER SINGH			
GE/ GENDER	: 37 YRS/MALE		PATIENT ID	: 1731113
OLLECTED BY	:		REG. NO./LAB NO.	:012501220012
REFERRED BY	:		REGISTRATION DATE	: 22/Jan/2025 10:11 AM
BARCODE NO.	:01524226		COLLECTION DATE	: 22/Jan/2025 10:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 22/Jan/2025 11:14AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB.	ALA CANTI		
Fest Name		Value	Unit	Biological Reference interval
	SW/A ST	UVA WF	LLNESS PANEL: 1.4	5
				5
DED DI OOD CELLS	COMP (RBCS) COUNT AND INDICES		OOD COUNT (CBC)	
AEMOGLOBIN (HI		15.4	gm/dL	12.0 - 17.0
by CALORIMETRIC			Ű	
RED BLOOD CELL (RBC) COUNT OCUSING, ELECTRICAL IMPEDENCE	5.71 ^H	Millions	/cmm 3.50 - 5.00
ACKED CELL VOLU	JME (PCV)	44.6	%	40.0 - 54.0
by CALCULATED BY A	utomated hematology analyzer AR VOLUME (MCV)	78.2 ^L	fL	80.0 - 100.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
by CALCULATED BY A	AR HAEMOGLOBIN (MCH) utomated hematology analyzer	27.1	pg	27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	34.6	g/dL	32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV)	13.8	%	11.00 - 16.00
	UTOMATED HEMATOLOGY ANALYZER UTION WIDTH (RDW-SD)	40.3	fL	35.0 - 56.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
MENTZERS INDEX		13.7	RATIO	BETA THALASSEMIA TRAIT: < 13.0
				IRON DEFICIENCY ANEMIA:
GREEN & KING IND	IFY	18.99	RATIO	>13.0 BETA THALASSEMIA TRAIT:<=
by CALCULATED		10.55	KATIO	65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEI	LLS (WBCS)			00.0
TOTAL LEUCOCYTE	COUNT (TLC)	6130	/cmm	4000 - 11000
by ELOW/OVTOMETRY	' BY SF CUBE & MICROSCOPY LOOD CFLLS (nRBCS)	NIL		0.00 - 20.00
,		INIL		0.00 - 20.00
NUCLEATED RED B	RT HEMATOLOGY ANALYZER	NIL	%	< 10 %





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

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





NAME



Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mr. HARJINDER SINGH **AGE/ GENDER** : 37 YRS/MALE **PATIENT ID** :1731113 **COLLECTED BY** :012501220012 REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : 22/Jan/2025 10:11 AM : **BARCODE NO.** :01524226 **COLLECTION DATE** : 22/Jan/2025 10:18AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 22/Jan/2025 11:14AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 50 % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 38 LYMPHOCYTES % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 2 EOSINOPHILS % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 10 % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WRC) COUNT

<u>ABSOLUTE LEUKOCYTES (WBC) COUNT</u>			
ABSOLUTE NEUTROPHIL COUNT by flow cytometry by sf cube & microscopy	3065	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by flow cytometry by SF cube & microscopy	2329	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by SF cube & microscopy	123	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	613	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by flow cytometry by SF cube & microscopy	0	/cmm	0 - 110
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	144000 ^L	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.16	%	0.10 - 0.36
	0.16 11	% fL	0.10 - 0.36 6.50 - 12.0
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV)			
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC)	11	fL	6.50 - 12.0
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR)	11 53000	fL /cmm	6.50 - 12.0 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)



Biological Reference interval

50 - 70

20 - 40

1 - 6

2 - 12

0 - 1





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT	2	
Test Name	Value	Unit	Biological Reference interval





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







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BARCODE NO.	:01524226		ECTION DATE	: 22/Jan/2025 10:1111
CLIENT CODE.	: KOS DIAGNOSTIC LAB		DRTING DATE	: 22/Jan/2025 11:43AM
CLIENT CODE. CLIENT ADDRESS			DRIING DATE	. 22/ Jail/ 2023 11.43AW
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AWIDALA CANTI		
Test Name		Value	Unit	Biological Reference interval
WHOLE BLOOD	EMOGLOBIN (HbA1c):	DSYLATED HAEM(5.4	%	4.0 - 6.4
by HPLC (HIGH PERFO	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	108.28	mg/dL	60.00 - 140.00
INTERPRETATION:				
	AS PER AMERICAN	DIABETES ASSOCIATION		
	REFERENCE GROUP	GLYCOS	YLATED HEMOGLOGIB	(HBAIC) in %
	abetic Adults >= 18 years	/	<5.7	
	t Risk (Prediabetes)		5.7 – 6.4	
D	iagnosing Diabetes		>= 6.5	
			Age > 19 Years	
These	in and a few physical and a l	Goals of The		< 7.0
inerapeut	ic goals for glycemic control	Actions Sugg		>8.0
			Age < 19 Years	
		Goal of the	· · ·	<7.5

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

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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LIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 22/Jan/2025 12:09PM	
LIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANT'	Г		
Fest Name		Value	Unit	Biological Reference interval	
by RED CELL AGGRE NTERPRETATION: 1. ESR is a non-specif mmune disease, but 2. An ESR can be affe as C-reactive protein	DIMENTATION RATE (ES GATION BY CAPILLARY PHOTO ic test because an elevated does not tell the health pr icted by other conditions be be used to monitor disease ematosus	I result often indicate actitioner exactly whe esides inflammation. I	ere the inflammation is in the For this reason, the ESR is ty	hr 0 - 20 ion associated with infection, cancer and auto- e body or what is causing it.	
by RED CELL AGGRE NTERPRETATION: . ESR is a non-specif mmune disease, but . An ESR can be affe s C-reactive protein B. This test may also ystemic lupus eryth CONDITION WITH LO A low ESR can be see polycythaemia), sign s sickle cells in sick NOTE: . ESR and C - reactiv C. Generally, ESR doe 6. CRP is not affected . If the ESR is elevat	DIMENTATION RATE (ES GATION BY CAPILLARY PHOTO fic test because an elevated does not tell the health pr scted by other conditions be be used to monitor disease ematosus W ESR n with conditions that inhi hificantly high white blood le cell anaemia) also lower e protein (C-RP) are both m es not change as rapidly as by as many other factors a ed, it is typically a result of	R) 3 DMETRY 3 I result often indicate actitioner exactly whe esides inflammation. F e activity and response bit the normal sedime cell count (leucocytos the ESR. markers of inflammatic does CRP, either at th s is ESR, making it a be two types of proteins	mm/1st s the presence of inflammat ere the inflammation is in the for this reason, the ESR is ty e to therapy in both of the a entation of red blood cells, s sis), and some protein abno on. e start of inflammation or a etter marker of inflammation	hr 0 - 20 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 uch as a high red blood cell count rmalities. Some changes in red cell shape (such s it resolves.	





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		v & Microbiology) onsultant Pathologist	MD CEO & Consultant	(Pathology) Pathologist
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BARCODE NO.	:01524226	COLL	ECTION DATE	: 22/Jan/2025 10:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 22/Jan/2025 12:57PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIN	ICAL CHEMISTRY	/BIOCHEMIST	RY
		GLUCOSE FAST	FING (F)	

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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		Chopra & Microbiology) onsultant Pathologist		(Pathology)
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Test Name		Value	Unit	Biological Reference interval
		LIPID PRO	FILE : BASIC	
CHOLESTEROL TO	TAL SERIM	184.63	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX		104.03	ing/ dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSP	ERUM HATE OXIDASE (ENZYMATIC)	244.1 ^H	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
HDL CHOLESTERO	L (DIRECT): SERUM ION	50.79	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		85.02	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, spe		133.84 ^H	mg/dL	VERT HIGH: > OR = 190.0 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 CHOLESTER(48.82 ^H	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER	UM	613.36	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HD by CALCULATED, SPE	L RATIO: SERUM	3.64	RATIO	LOW RISK: 3.30 - 4.40 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 CANTI	г	
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.67	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		4.81	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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NAME	: Mr. HARJINDER SINGH			
				1701110
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 22/Jan/2025 02:04PM
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Test Name		Value	Unit	Biological Reference interval
	LIVER	FUNCTION T	EST (COMPLETE)	
BILIRUBIN TOTAL: by DIAZOTIZATION, SF	SERUM PECTROPHOTOMETRY	0.45	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT by DIAZO MODIFIED, S	C (CONJUGATED): SERUM	0.12	mg/dL	0.00 - 0.40
	CT (UNCONJUGATED): SERUM	0.33	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		54.5 ^H	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	144.6 ^H	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE		0.38	RATIO	0.00 - 46.00
ALKALINE PHOSPH by PARA NITROPHEN PROPANOL	IATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	60.53	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM	38.07	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		7.52	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G	REEN	4.38	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	1	3.14	gm/dL	2.30 - 3.50
A : G RATIO: SERUN by CALCULATED, SPE	IN	1.39	RATIO	1.00 - 2.00

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



INTERPRETATION





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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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30 3001 . 2000 CENT				bikokosiites
	Dr. Vinay Cho j MD (Pathology & M Chairman & Consu	licrobiology)	Dr. Yugam MD (I CEO & Consultant F	Pathology)
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	KIDNE	Y FUNCTION TE	ST (COMPLETE)	
UREA: SERUM	MATE DEHYDROGENASE (GLDH)	29.15	mg/dL	10.00 - 50.00
CREATININE: SER	UM	1.21	mg/dL	0.40 - 1.40
-	CTROPHOTOMETERY ROGEN (BUN): SERUM	13.62	mg/dL	7.0 - 25.0
	ECTROPHOTOMETRY	11.26	RATIO	10.0 - 20.0
RATIO: SERUM	ROGEN (BUN)/CREATININE	11.20	KATIO	10.0 - 20.0
		04.00	DATE	
UREA/CREATININ by CALCULATED, SPI	ECTROPHOTOMETRY	24.09	RATIO	
URIC ACID: SERUN by URICASE - OXIDAS		7.02	mg/dL	3.60 - 7.70
CALCIUM: SERUM	SEPERUNIDASE	9.49	mg/dL	8.50 - 10.60
by ARSENAZO III, SPI PHOSPHOROUS: SI	ECTROPHOTOMETRY	3.74	mg/dL	2.30 - 4.70
	DATE, SPECTROPHOTOMETRY	5.74	nig/ uL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTION		142.3	mmol/L	135.0 - 150.0
POTASSIUM: SERU		4.27	mmol/L	3.50 - 5.00
by ISE (ION SELECTIN		106.73	mmol/I	90.0 110.0
CHLORIDE: SERUN by ISE (ION SELECTIV		100.75	mmol/L	90.0 - 110.0
ESTIMATED GLON	MERULAR FILTERATION RATE			
	IERULAR FILTERATION RATE	79.1		
(eGFR): SERUM by CALCULATED				
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.



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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





	М	D r. Vinay Chopra ID (Pathology & Micro hairman & Consultan	Microbiology) MD (Pathology)			
NAME	: Mr. HARЛND	ER SINGH				
AGE/ GENDER	: 37 YRS/MALE		PATI	ENT ID	: 1731113	
COLLECTED BY			REG.	NO./LAB NO.	:01250122001	2
REFERRED BY				STRATION DAT		
BARCODE NO.				ECTION DATE	: 22/Jan/2025 10	
	: 01524226					
CLIENT CODE.	: KOS DIAGNOS			ORTING DATE	: 22/Jan/2025 01	:02PM
CLIENT ADDRESS	: 6349/1, NICH	OLSON ROAD, AMBA	ALA CANTT			
Test Name			Value	Unit	Biologi	cal Reference interval
2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet a	10:1) WITH DECREA osis. nd starvation.					
 Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in 	creased urea synt (urea rather than imonemias (urea i of inappropiate an 10:1) WITH INCREA upy (accelerates co eleases muscle cr who develop rena creased BUN/crea rapy (interferes wi JLAR FILTERATION	creatinine diffuses o s virtually absent in l tidiuretic harmone) o SED CREATININE: onversion of creatine eatinine). al failure. causes false increase atinine ratio). ith creatinine measur	blood). due to tubular sec to creatinine). e in creatinine wi rement).	cretion of urea. th certain method	dologies,resulting in nor ASSOCIATED FINDINGS	mal ratio when dehydratio
 Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. PCREASED RATIO (< Rhabdomyolysis (r Muscular patients MAPPROPIATE RATIO Diabetic ketoacido cephalosporin thei STIMATED GLOMERI 	creased urea synt (urea rather than of inappropiate an 10:1) WITH INCREA upy (accelerates co eleases muscle cr who develop rena creased BUN/crea rapy (interferes wi JLAR FILTERATION	creatinine diffuses o s virtually absent in l tidiuretic harmone) o SED CREATININE: onversion of creatine eatinine). al failure. causes false increase atinine ratio). ith creatinine measur RATE:	blood). due to tubular sec to creatinine). e in creatinine wi	cretion of urea. th certain method	с с	mal ratio when dehydrati
 Severe liver diseas Other causes of degraded dialysis Repeated dialysis Inherited hyperam SIADH (syndrome of Beregnancy. Pregnancy. Phenacimide theration of the second Repeated by the second of the second	creased urea synt (urea rather than of inappropiate an 10:1) WITH INCREA upy (accelerates co eleases muscle cr who develop rena creased BUN/crea rapy (interferes wi JLAR FILTERATION Norm Kidi	creatinine diffuses o s virtually absent in l tidiuretic harmone) o SED CREATININE: onversion of creatine eatinine). al failure. causes false increase atinine ratio). ith creatinine measur RATE: DESCRIPTION nal kidney function ney damage with	blood). due to tubular sec to creatinine). e in creatinine wi rement). GFR (mL/mi	cretion of urea. th certain method	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	
 Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. PECREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin thei STIMATED GLOMERI CKD STAGE G1 	creased urea synt (urea rather than of inappropiate an 10:1) WITH INCREA upy (accelerates co eleases muscle cr who develop rena creased BUN/crea rapy (interferes wi JLAR FILTERATION Norm Kidu nor	creatinine diffuses o s virtually absent in l tidiuretic harmone) o SED CREATININE: onversion of creatine eatinine). al failure. causes false increase atinine ratio). ith creatinine measur RATE: DESCRIPTION nal kidney function	blood). due to tubular sec to creatinine). e in creatinine wi rement). GFR (mL/mi >9	cretion of urea. th certain method n/1.73m2)	ASSOCIATED FINDINGS	
 Severe liver diseas Other causes of de Repeated dialysis Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido cephalosporin the STIMATED GLOMERI CKD STAGE G1 G2 	creased urea synt (urea rather than of inappropiate an 10:1) WITH INCREA upy (accelerates co releases muscle cr who develop rena creased BUN/crea rapy (interferes wi JLAR FILTERATION Kidu nor Kidu nor Milo	creatinine diffuses o s virtually absent in l tidiuretic harmone) o SED CREATININE: onversion of creatine eatinine). al failure. causes false increase atinine ratio). ith creatinine measur RATE: DESCRIPTION nal kidney function ney damage with mal or high GFR decrease in GFR rate decrease in GFR	blood). due to tubular sec to creatinine). e in creatinine wi rement). GFR (mL/mi >90	th certain method	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	
 B. Severe liver diseas A. Other causes of definition of the causes of the causes of the causes of the causes of the cause of	creased urea synt (urea rather than of inappropiate an 10:1) WITH INCREA upy (accelerates co releases muscle cr who develop rena creased BUN/crea rapy (interferes wi JLAR FILTERATION Norm Kidu nor Kidu Sevel Sevel	creatinine diffuses o s virtually absent in l tidiuretic harmone) o SED CREATININE: onversion of creatine eatinine). al failure. causes false increase atinine ratio). ith creatinine measur RATE: DESCRIPTION nal kidney function ney damage with mal or high GFR decrease in GFR	blood). due to tubular sec to creatinine). e in creatinine wi rement). GFR (mL/mi >91 >91 >91	th certain method n/1.73m2) 0 2 89 59	ASSOCIATED FINDINGS No proteinuria Presence of Protein ,	





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







Test Name	Value	e Unit	Biological Reference interval
	,		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 22/Jan/2025 01:02PM
BARCODE NO.	: 01524226	COLLECTION DATE	: 22/Jan/2025 10:18AM
REFERRED BY	:	REGISTRATION DATE	: 22/Jan/2025 10:11 AM
COLLECTED BY	:	REG. NO./LAB NO.	: 012501220012
AGE/ GENDER	: 37 YRS/MALE	PATIENT ID	: 1731113
NAME	: Mr. HARJINDER SINGH		
	MD (Pathology & Microbiolog Chairman & Consultant Patho	gy) MD	(Pathology)
	Dr. Vinay Chopra	Dr. Yugan	n Chopra

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

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







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NAME	: Mr. HARJINDER SINGH			
AGE/ GENDER	: 37 YRS/MALE		PATIENT ID	: 1731113
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		IRON	PROFILE	
IRON: SERUM	TROPHOTOMETRY	59.1	μg/dL	59.0 - 158.0
UNSATURATED IRC SERUM by FERROZINE, SPEC	ON BINDING CAPACITY (UIBC)	252.15	µg/dL	150.0 - 336.0
•	ING CAPACITY (TIBC)	311.25	µg/dL	230 - 430
%TRANSFERRIN SA	ATURATION: SERUM CTROPHOTOMETERY (FERENE)	18.99	%	15.0 - 50.0
TRANSFERRIN: SEI	RUM	220.99	mg/dL	200.0 - 350.0
INTERPRETATION:- VARIAB	LES ANEMIA OF CHRO	NIC DISEASE	IRON DEFICIENCY ANEMIA	A THALASSEMIA α/β TRAIT

SERUM IRON:			
SERUIVI IRUN:	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

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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		hopra & Microbiology) onsultant Pathologist		m Chopra D (Pathology) nt Pathologist	
NAME	: Mr. HARJINDER SINGH				
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT			
Test Name		Value	Unit	Biological Reference	interval
		ENDOCRIN	DLOGY		
	Т	HYROID FUNCTION			
TRIIODOTHYRONI	NE (T3): SERUM	0.857 ASSAY)	ng/mL	0.35 - 1.93	
THYROXINE (T4): S	SERUM IESCENT MICROPARTICLE IMMUNO	6.39 ASSAY)	µgm/d	L 4.87 - 12.60	
	TING HORMONE (TSH): SEF		µIU/m	L 0.35 - 5.50	
3rd GENERATION, ULT	RASENSITIVE				
day has influence on the triiodothyronine (T3).Fai	measured serum TSH concentrations.	TSH stimulates the productio	n and secretion of the	pm. The variation is of the order of 50%.Hen metabolically active hormones, thyroxine (1 her underproduction (hypothyroidism) or	
CLINICAL CONDITION	T3	T	1	TSH	
Primary Hypothyroidis			luced	Increased (Significantly)	
Subclinical Hypothyroi	dism: Normal or Lo	w Normal Normal	or Low Normal	High	
D. II II II					

LIMITATIONS:-

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	(RONINE (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





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

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







	Dr. Vinay Chop MD (Pathology & M Chairman & Consul	licrobiology)	g am Chopra MD (Pathology) tant Pathologist
NAME	: Mr. HARJINDER SINGH		
AGE/ GENDER	: 37 YRS/MALE	PATIENT ID	: 1731113
COLLECTED BY	:	REG. NO./LAB NO.	: 012501220012
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
Test Name		Value Unit	Biological Reference interval
1 - 10 Years	0.92 - 2.28 1 - 10 Years	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	VIENDATIONS OF TSH LE	VELS DURING PREGN	VANCY (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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Cho MD (Pathology & M Chairman & Const	1icrobiology)		(Pathology)
NAME	: Mr. HARJINDER SINGH			
AGE/ GENDER	: 37 YRS/MALE		PATIENT ID	: 1731113
	. or morning			
COLLECTED BY	:		REG. NO./LAB NO.	: 012501220012
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANT	ſ	
Test Name		Value	Unit	Biological Reference interva
by CLIA (CHEMILUMINE	DROXY VITAMIN D3): SERUM SCENCE IMMUNOASSAY)	16.7 ^L	YDROXY VITAMIN D: ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
INTERPRETATION:		. 20		a /ma
DEFIC INSUFFI		< 20 21 - 29		g/mLg/mL
PREFFEREI		30 - 100		g/mL
INTOXIC		> 100		g/mL
2.25-OHVitamin D re tissue and tightly bour 3.Vitamin D plays a pr phosphate reabsorptii 4.Severe deficiency m DECREASED: 1.Lack of sunshine exp 2.Inadequate intake, r 3.Depressed Hepatic V 4.Secondary to advanc 5.Osteoporosis and Se 6.Enzyme Inducing dru INCREASED: 1. Hypervitaminosis D severe hypercalcemia CAUTION: Replacemer hypervitaminosis D	nd by a transport protein while in imary role in the maintenance of on, skeletal calcium deposition, c ay lead to failure to mineralize ne posure. malabsorption (celiac disease) /itamin D 25- hydroxylase activity ced Liver disease condary Hyperparathroidism (Mi ugs: anti-epileptic drugs like phen is Rare, and is seen only after pro and hyperphophatemia. It therapy in deficient individuals individuals as compare to whites, is	and transport in circulation. calcium home alcium mobiliz ewly formed os donged expose blonged expose must be monif	form of Vitamin D and transpostatis. It promotes calciun ation, mainly regulated by p steoid in bone, resulting in r e deficiency) arbital and carbamazepine, f ure to extremely high doses cored by periodic assessmen	port form of Vitamin D, being stored in adipe 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





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	Dr. Vinay C MD (Pathology Chairman & Co		Dr. Yugan MD CEO & Consultant	(Pathology)		
NAME	: Mr. HARJINDER SINGH					
AGE/ GENDER	: 37 YRS/MALE	PA	FIENT ID	: 1731113		
COLLECTED BY		RE	G. NO./LAB NO.	: 012501220012		
REFERRED BY			GISTRATION DATE	: 22/Jan/2025 10:11 AM		
BARCODE NO.	:01524226		LLECTION DATE	: 22/Jan/2025 10:18AM		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 22/Jan/2025 01:02PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT				
Test Name		Value	Unit	Biological Reference interval		
	ALAMIN: SERUM	VITAMIN B12/ 193 ASSAY)	COBALAMIN pg/mL	190.0 - 890.0		
NTERPRETATION:-						
	SED VITAMIN B12	1. December 201	DECREASED VITAMIN B12			
1.Ingestion of Vitan 2.Ingestion of Estro		1.Pregnancy	2.DRUGS:Aspirin, Anti-convulsants, Colchicine			
3.Ingestion of Vitan			3.Ethanol Igestion			
4.Hepatocellular in			4. Contraceptive Harmones			
5.Myeloproliferativ	e disorder	5.Haemodia				
6.Uremia		6. Multiple N				
2.In humans, it is ob 3.The body uses its v excreted. 4.Vitamin B12 deficie leal resection, small 5.Vitamin B12 deficie proprioception, poor the neurologic defec 6.Serum methylmalo	ency may be due to lack of IF set intestinal diseases). ency frequently causes macrocy coordination, and affective bel ts without macrocytic anemia. nic acid and homocysteine leve or antibodies to intrinsic factor	ns and requires intrins cally, reabsorbing vita cretion by gastric muce tic anemia, glossitis, p navioral changes. Thes Is are also elevated in (IF) is recommended t does not rule out tissu	ic factor (IF) for absorp min B12 from the ileun osa (eg, gastrectomy, g eripheral neuropathy, e manifestations may vitamin B12 deficiency o identify this potentia e deficiency of vitamin	n and returning it to the liver; very little is astric atrophy) or intestinal malabsorption (eg weakness, hyperreflexia, ataxia, loss of occur in any combination; many patients have		



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	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology) MD (Pathology)			
NAME	: Mr. HARJINDER SINGH				
AGE/ GENDER	: 37 YRS/MALE	PATIEN	ГID	: 1731113	
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CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A		ING DATE	: 22/Jan/2025 11:05AM	
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PATH	DLOGY		
	URINE ROU	UTINE & MICROSCO	PIC EXAMINA	ATION	
PHYSICAL EXAMINA	ATION				
QUANTITY RECIEVE		10	ml		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY		AMBER YELLOW		PALE YELLOW	
		CLEAR		CLEAR	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		<=1.005		1.002 - 1.030	
CHEMICAL EXAMIN	ATION				
REACTION by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		ACIDIC			
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY PH by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Negative		NEGATIVE (-ve)	
		Negative		NEGATIVE (-ve)	
		6		5.0 - 7.5	
		0			
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Negative		NEGATIVE (-ve)	
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY. UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY MICROSCOPIC EXAMINATION		Negative		NEGATIVE (-ve)	
		Normal	EU/dL	0.2 - 1.0	
		Negative		NEGATIVE (-ve)	
		Negative		NEGATIVE (-ve)	
		NEGATIVE (-ve)		NEGATIVE (-ve)	
RED BLOOD CELLS (NEGATIVE (-ve)	/HPF	0 - 3	





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

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Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist

NAME	: Mr. HARJINDER SINGH		
AGE/ GENDER	: 37 YRS/MALE	PATIENT ID	: 1731113
COLLECTED BY	:	REG. NO./LAB NO.	: 012501220012
REFERRED BY	:	REGISTRATION DATE	: 22/Jan/2025 10:11 AM
BARCODE NO.	: 01524226	COLLECTION DATE	: 22/Jan/2025 10:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 22/Jan/2025 11:05AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
Test Name	Value	Unit	Biological Reference interval

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5
EPITHELIAL CELLS	1-3	/HPF	ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CRYSTALS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CASTS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT BACTERIA	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT OTHERS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ADSENT		ADJENT

** End Of Report ***





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