



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		gam Chopra MD (Pathology) Itant Pathologist	
NAME	: Mrs. ISHA DANG				
AGE/ GENDER	: 39 YRS/FEMALE		PATIENT ID	: 17214	40
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 01250	01110008
REFERRED BY	:		REGISTRATION DAT	E : 11/Jan	/2025 09:56 AM
BARCODE NO.	: 01523736		COLLECTION DATE	:11/Jan	/2025 10:07AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Jan	/2025 10:38AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	ALA CANTT			
Test Name		Value	Unit	· · · ·	Biological Reference interval
			LLNESS PANEL:		
		LETE BL	OOD COUNT (CBC)	
	(RBCS) COUNT AND INDICES	10.4		IT	10.0 10.0
HAEMOGLOBIN (H)	B)	12.4	gm/d	1L	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT OCUSING, ELECTRICAL IMPEDENCE	4.37	Millic	ons/cmm	3.50 - 5.00
PACKED CELL VOLU	JME (PCV) utomated hematology analyzer	37.6	%		37.0 - 50.0
MEAN CORPUSCULA by CALCULATED BY A	AR VOLUME (MCV) utomated hematology analyzer	86	fL		80.0 - 100.0
	AR HAEMOGLOBIN (MCH) utomated hematology analyzer	28.3	pg		27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	33	g/dL		32.0 - 36.0
	UTION WIDTH (RDW-CV) utomated hematology analyzer	14.2	%		11.00 - 16.00
	UTION WIDTH (RDW-SD) utomated hematology analyzer	45.8	fL		35.0 - 56.0
MENTZERS INDEX by CALCULATED		19.68	RATI	0	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND		27.87	RATI	0	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEI					
•	BY SF CUBE & MICROSCOPY	7620	/cmn	n	4000 - 11000
	LOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL			0.00 - 20.00
NUCLEATED RED B	LOOD CELLS (nRBCS) % UTOMATED HEMATOLOGY ANALYZER	NIL	%		< 10 %





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. ISHA DANG AGE/ GENDER : 39 YRS/FEMALE **PATIENT ID** :1721440 **COLLECTED BY** : SURJESH :012501110008 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 11/Jan/2025 09:56 AM : **BARCODE NO.** :01523736 **COLLECTION DATE** : 11/Jan/2025 10:07AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :11/Jan/2025 10:38AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 51% 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 40 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 6 % 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 3886 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 3048 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 229/cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 457 /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 199000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.29 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 15^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 121000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 60.6^H 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 15.6% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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NAME	: Mrs. ISHA DANG		
AGE/ GENDER	: 39 YRS/FEMALE	PATIENT ID	: 1721440
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Test Name	Value	Unit	Biological Reference interval





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NAME	: Mrs. ISHA DANG				
AGE/ GENDER	: 39 YRS/FEMALE		PATIENT ID	: 1721	440
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:012	501110008
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BARCODE NO.	:01523736		COLLECTION DAT	E : 11/Ja	an/2025 10:07AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATI		an/2025 02:40PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT			
Test Name		Value	Un	it	Biological Reference interval
WHOLE BLOOD	EMOGLOBIN (HbA1c):	5.4	%		4.0 - 6.4
ESTIMATED AVERA	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	108.28	mg	i/dL	60.00 - 140.00
	AS PER AMERICAN D	IABETES ASSOCI	ATION (ADA):		
F	REFERENCE GROUP		LYCOSYLATED HEMOO	GLOGIB (HBAIC) ir	n %
Non dia	abetic Adults >= 18 years	1	<5.7		
	Risk (Prediabetes)		5.7 –	5.4	
D	agnosing Diabetes		>= 6.	-	
			Age > 19		
Thorsest	a soale for alveemie control		of Therapy:	< 7.0	
Inerapeut	ic goals for glycemic control	Actior	is Suggested:	>8.0	
			Age < 19		
1		Goal	of therapy:	<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. Vinay Cl MD (Pathology Chairman & Co		Dr. Yugam MD CEO & Consultant	(Pathology)
AME	: Mrs. ISHA DANG			
GE/ GENDER	: 39 YRS/FEMALE	PATI	ENT ID	: 1721440
OLLECTED BY	: SURJESH	REG. 1	NO./LAB NO.	: 012501110008
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ARCODE NO.	:01523736	COLL	ECTION DATE	: 11/Jan/2025 10:07AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 11/Jan/2025 11:42AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
est Name		Value	Unit	Biological Reference interval
by RED CELL AGGRE VTERPRETATION: . ESR is a non-specif mmune disease, but . An ESR can be affe s C-reactive protein . This test may also	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOMET ic test because an elevated resu does not tell the health practiti cted by other conditions beside be used to monitor disease acti	ult often indicates the pre oner exactly where the ir is inflammation. For this r	mm/1st esence of inflammation flammation is in the reason, the ESR is typ	hr 0 - 20 on associated with infection, cancer and auto-
by RED CELL AGGRE ITERPRETATION: . ESR is a non-specif nmune disease, but . An ESR can be affe s C-reactive protein . This test may also ystemic lupus eryth ONDITION WITH LO low ESR can be see polycythaemia), sigr s sickle cells in sickl OTE: . ESR and C - reactiv . Generally, ESR doe	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOMET ic test because an elevated resu does not tell the health practiti cted by other conditions beside be used to monitor disease acti ematosus W ESR n with conditions that inhibit th	19 RY ult often indicates the pre- oner exactly where the ir is inflammation. For this in vity and response to ther the normal sedimentation count (leucocytosis), and ESR. ers of inflammation. CRP, either at the start of	mm/1st essence of inflammation filammation is in the reason, the ESR is typ rapy in both of the all of red blood cells, su some protein abno	hr 0 - 20 on associated with infection, cancer and auto- body or what is causing it. oically 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





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		& Microbiology) nsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. ISHA DANG			
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI	CAL CHEMISTR GLUCOSE FA		'nY
	G (F): PLASMA	91.08	mg/dL	NORMAL: < 100.0

IN ACCORDANCE 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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Test Name		Value	Unit	Biological Reference interval
		LIPID PROF	II F · BASIC	
CHOLESTEROL TO	TAL · SERIM	183.77		OPTIMAL: < 200.0
by CHOLESTEROL O		163.77	mg/dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSF	ERUM phate oxidase (enzymatic)	79.33	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM	49.13	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		118.77	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		134.64 ^H	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 CHOLESTER(15.87	mg/dL	0.00 - 45.00
FOTAL LIPIDS: SER	RUM	446.87	mg/dL	350.00 - 700.00
CHOLESTEROL/HE by CALCULATED, SPE	DL RATIO: SERUM	3.74	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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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.42	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	1.61 ^L	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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BILIRUBIN DIRECT	: SERUM pectrophotometry Γ (CONJUGATED): SERUM spectrophotometry	0.69 0.28	N TEST (COMPLETE) mg/dL mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 0.00 - 0.40
BILIRUBIN INDIRE	CCT (UNCONJUGATED): SERUM	0.41	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	[/RIDOXAL PHOSPHATE	19.96	U/L	7.00 - 45.00
SGPT/ALT: SERUM		16.95	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	1.18	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	64.5	U/L	40.0 - 150.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM	15.4	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.92	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.12	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	2.8	gm/dL	2.30 - 3.50
A : G RATIO: SERUI	M	1.47	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

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

INCREASED:

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)





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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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Test Name		Value	Unit	Biological Refere	nce interval
	KIDNI	FV FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM	MDM	19.16	mg/dL	10.00 - 50.00	
	MATE DEHYDROGENASE (GLDH)	10.10	ing/ ull	10.00 00.00	
CREATININE: SER		0.72	mg/dL	0.40 - 1.20	
BLOOD UREA NITE	ROGEN (BUN): SERUM	8.95	mg/dL	7.0 - 25.0	
BLOOD UREA NITH	ROGEN (BUN)/CREATININE	12.43	RATIO	10.0 - 20.0	
RATIO: SERUM	ECTROPHOTOMETRY				
UREA/CREATININ		26.61	RATIO		
by CALCULATED, SPE	ECTROPHOTOMETRY				
URIC ACID: SERUM		3.6	mg/dL	2.50 - 6.80	
CALCIUM: SERUM		8.43 ^L	mg/dL	8.50 - 10.60	
by ARSENAZO III, SPE			Ib/ yar	2 20 4 70	
PHOSPHOROUS: SE by PHOSPHOMOLYBE	DATE, SPECTROPHOTOMETRY	3.4	mg/dL	2.30 - 4.70	
ELECTROLYTES					
SODIUM: SERUM		141.5	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIV POTASSIUM: SERU		3.99	mmol/L	3.50 - 5.00	
by ISE (ION SELECTIV		5.55		5.00 - 5.00	
CHLORIDE: SERUN by ISE (ION SELECTIV		106.13	mmol/L	90.0 - 110.0	
ESTIMATED GLON	IERULAR FILTERATION RATE				
	IERULAR FILTERATION RATE	109			
(eGFR): SERUM by CALCULATED					
INTERPRETATION:					
To differentiate betw	veen 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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





		Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	obiology)	Dr. \ CEO & Cor	Yugam Cl MD (Pat Insultant Path	nology)		
NAME	: Mrs. ISHA D	ANG						
AGE/ GENDER	: 39 YRS/FEM	ALE	P	ATIENT ID	:	1721440		
COLLECTED BY	: SURJESH			EG. NO./LAB NO.		0125011100(10	
	. SUNLSII							
REFERRED BY	:			EGISTRATION D		11/Jan/2025 09		
BARCODE NO.	:01523736		C	OLLECTION DAT	E :	11/Jan/2025 10):07AM	
CLIENT CODE.	: KOS DIAGNO	STIC LAB	R	EPORTING DATI	E :	11/Jan/2025 11	:12AM	
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AMBA	LA CANTT					
Test Name			Value	Un	it	Biolog	ical Referen	ce interval
8. Reduced muscle ma 9. Certain drugs (e.g. INCREASED RATIO (>20 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1	etracycline, glu b:1) WITH ELEV (BUN rises disp superimposed o b:1) WITH DECR	creatinine production) acocorticoids) ATED CREATININE LEVEI roportionately more th on renal disease.	_S:	e) (e.g. obstructive	e uropathy)			
 Reduced muscle mages Certain drugs (e.g., Certain drugs (e.g., NCREASED RATIO (>20 Postrenal azotemia Prerenal azotemia Prerenal azotemia Prerenal azotemia Severe liver disease Other causes of dec Repeated dialysis (in SIADH (syndrome on Pregnancy. PCREASED RATIO (<1) Phenacimide therap Rhabdomyolysis (ref Muscular patients of the standard standar	ass (subnormal setracycline, glu D:1) WITH ELEV (BUN rises disp superimposed of D:1) WITH DECR osis. d starvation. reased urea sy urea rather tha nonemias (urea f inappropiate a D:1) WITH INCR oy (accelerates eleases muscle who develop re sis (acetoacetat reased BUN/cr apy (interferes LAR FILTERATIO Non K Non K M	creatinine production) accoorticoids) ATED CREATININE LEVEI roportionately more the on renal disease. EASED BUN : In thesis. In creatinine diffuses of a is virtually absent in here antidiuretic harmone) of EASED CREATININE: conversion of creatine creatinine). nal failure. e causes false increase eatinine ratio). with creatinine measur	S: han creatining ut of extracely blood). due to tubula to creatining ement). GFR (mL	lular fluid). r secretion of urea).	n. hodologies ASSOCI No Preser			en dehydrati





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







	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologi		(Pathology)
NAME	: Mrs. ISHA DANG		
AGE/ GENDER	: 39 YRS/FEMALE	PATIENT ID	: 1721440
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012501110008
REFERRED BY	:	REGISTRATION DATE	: 11/Jan/2025 09:56 AM
BARCODE NO.	: 01523736	COLLECTION DATE	: 11/Jan/2025 10:07AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 11/Jan/2025 11:12AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Т	
Test Name	Value	Unit	Biological Reference interval

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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	1	D r. Vinay Choj 1D (Pathology & M Chairman & Consul	licrobiology)		(Pathology)
NAME	: Mrs. ISHA DA	ANG			
AGE/ GENDER	: 39 YRS/FEMA	LE		PATIENT ID	: 1721440
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CLIENT ADDRESS	: 6349/1, NICH	IOLSON ROAD, AN	IBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
			IRON	PROFILE	
IRON: SERUM	TROPHOTOMETRY		78.5	μg/dL	50.0 - 170.0
UNSATURATED IR SERUM by FERROZINE, SPEC	ON BINDING CA	PACITY (UIBC)	224	μg/dL	150.0 - 336.0
TOTAL IRON BIND SERUM	ING CAPACITY		302.5	µg/dL	230 - 430
%TRANSFERRIN S by CALCULATED, SPE	ATURATION: SI		25.95	%	15.0 - 50.0
TRANSFERRIN: SE by SPECTROPHOTOM	RUM		214.77	mg/dL	200.0 - 350.0
INTERPRETATION:-					
VARIAE SERUM I		ANEMIA OF CHRO Normal to R		IRON DEFICIENCY ANEMIA Reduced	A THALASSEMIA α/β TRAIT Normal

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:

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):

1.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





		hopra & Microbiology) onsultant Patholog	M	I m Chopra D (Pathology) Int Pathologist	
NAME	: Mrs. ISHA DANG				
AGE/ GENDER	: 39 YRS/FEMALE		PATIENT ID	: 1721440	
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012501110008	
REFERRED BY	:		REGISTRATION DATE	: 11/Jan/2025 09:56 AM	
BARCODE NO.	: 01523736		COLLECTION DATE	: 11/Jan/2025 10:07AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Jan/2025 11:37AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI), AMBALA CANT	т		
Test Name		Value	Unit	Biological Refe	rence interval
	Т		CRINOLOGY CTION TEST: TOTAL		
TRIIODOTHYRONI	NE (T3): SERUM iescent microparticle immunc	1.094 ASSAY)	ng/mI	0.35 - 1.93	
THYROXINE (T4): S	SERUM iescent microparticle immunc	9.14 ASSAY)	μgm/d	L 4.87 - 12.60	
	ATING HORMONE (TSH): SEH		µIU/m	L 0.35 - 5.50	
3rd GENERATION, ULT	RASENSITIVE				
INTERPRETATION:					
day has influence on the triiodothyronine (T3).Fai	measured serum TSH concentrations.	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	T3		T4	TSH]
Primary Hypothyroidis			Reduced	Increased (Significantly)]
Subclinical Hypothyroi	dism: Normal or Lo	w Normal	Normal or Low Normal	High	

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

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.

TRIIODOTHYRONINE (T3)		THYROX	(INE (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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NAME	: Mrs. ISHA DANG		
AGE/ GENDER	: 39 YRS/FEMALE	PATIENT ID	: 1721440
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012501110008
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Test Name			Value	Unit	t	Biological Reference interval
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	
	RECO	MMENDATIONS OF TSH L	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 & Con	Microbiology)	Dr. Yugam (MD (F CEO & Consultant P	Pathology)
AME	: Mrs. ISHA DANG			
GE/ GENDER	: 39 YRS/FEMALE	PATIEN	T ID	: 1721440
OLLECTED BY	: SURJESH	REG. NO)./LAB NO.	: 012501110008
EFERRED BY	:	REGIST	RATION DATE	: 11/Jan/2025 09:56 AM
ARCODE NO.	: 01523736	COLLEC	TION DATE	: 11/Jan/2025 10:07AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	FING DATE	: 11/Jan/2025 11:37AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
'est Name		Value	Unit	Biological Reference interval
		PROLACTI	N	
ROLACTIN: SERU	М	97.18 ^H	ng/mL	3 - 25
ICREASED (HYPERPI Prolactin-secreting Functional and org Primary hypothyro	ROLACTEMIA): pituitary adenoma (prolactinom anic disease of the hypothalamu idism.	a, which is 5 times more f		he prolactin level rises in response to ostpartum period, and also is elevated in the han males).
ICREASED (HYPERPI Prolactin-secreting Functional and org Primary hypothyro Section compressio Chest wall lesions Ectopic tumors. DRUGS:- Anti-Dopa ceptors, or serotor	ROLACTEMIA): pituitary adenoma (prolactinom anic disease of the hypothalamu idism. on of the pituitary stalk. and renal failure. aminergic drugs like antipsychotic nin reuptake (anti-depressants o	a, which is 5 times more f is. c drugs, antinausea/antien f all classes, ergot derivati	requent in females t netic drugs, Drugs th ves, some illegal dru	ostpartum period, and also is elevated in the han males). Nat affect CNS serotonin metabolism, seroton ugs such as cannabis), Antihypertensive drug
ICREASED (HYPERPI Prolactin-secreting Functional and org Primary hypothyro Section compressic Chest wall lesions Ectopic tumors. DRUGS:- Anti-Dopa ceptors, or serotor piates, High doses GNIFICANCE: In loss of libido, ga Loss of libido, impo om decreased mus	ROLACTEMIA): pituitary adenoma (prolactinom anic disease of the hypothalamu idism. on of the pituitary stalk. and renal failure. aminergic drugs like antipsychotic nin reuptake (anti-depressants of of estrogen or progesterone, anti- lactorrhea, oligomHyperprolaction before, infertility, and hypogona- cle mass and osteoporosis.	a, which is 5 times more f is. c drugs, antinausea/antien f all classes, ergot derivati ticonvulsants (valporic aci nemia often results enorrl dism in males. Postmenop	requent in females t netic drugs, Drugs th ves, some illegal dru d), anti-tuberculous nea or amenorrhea,	ostpartum period, and also is elevated in the han males). Nat affect CNS serotonin metabolism, seroton ugs such as cannabis), Antihypertensive drug
Functional and org Primary hypothyro Section compressio Chest wall lesions Ectopic tumors. DRUGS:- Anti-Dopa eceptors, or seroto Dpiates, High doses IGNIFICANCE: In loss of libido, imporom decreased mus In males, prolactin Clear symptoms ar Mild to moderatel denoma is present,	ROLACTEMIA): pituitary adenoma (prolactinom anic disease of the hypothalamu idism. on of the pituitary stalk. and renal failure. aminergic drugs like antipsychotic nin reuptake (anti-depressants of of estrogen or progesterone, and lactorrhea, oligomHyperprolactii otence, infertility, and hypogona- cle mass and osteoporosis. <i>levels >13 ng/mL are indicative of</i> <i>n levels >27 ng/mL in the absence</i> nd signs of hyperprolactinemia ar	a, which is 5 times more f is. c drugs, antinausea/antien f all classes, ergot derivati ticonvulsants (valporic aci- nemia often results enorri dism in males. Postmenop <i>hyperprolactinemia.</i> of pregnancy and postpart e often absent in patients actin are not a reliable guid	requent in females t netic drugs, Drugs th ves, some illegal dru d), anti-tuberculous nea or amenorrhea, ausal and premenop <i>um lactation are indi</i> with serum prolacti de for determining v	ostpartum period, and also is elevated in the than males). In a target CNS serotonin metabolism, seroton ugs such as cannabis), Antihypertensive drug medications (Isoniazid). and infertility in premenopausal females. bausal women, as well as men, can also suffe <i>icative of hyperprolactinemia</i> . n levels <100 ng/mL. vhether a prolactin-producing pituitary
ICREASED (HYPERPI Prolactin-secreting Functional and org Primary hypothyro Section compressic Chest wall lesions Ectopic tumors. DRUGS:- Anti-Dopa ceptors, or serotor piates, High doses GNIFICANCE: In loss of libido, ga Loss of libido, ga Loss of libido, impo om decreased mus In males, prolactin In women, prolactin Clear symptoms ar Mild to moderatel denoma is present, AUTION: olactin values that	ROLACTEMIA): pituitary adenoma (prolactinom vanic disease of the hypothalamu vidism. on of the pituitary stalk. and renal failure. aminergic drugs like antipsychotic nin reuptake (anti-depressants of of estrogen or progesterone, and lactorrhea, oligomHyperprolactin btence, infertility, and hypogona- cle mass and osteoporosis. levels >13 ng/mL are indicative of n levels >27 ng/mL in the absence of signs of hyperprolactinemia ar y increased levels of serum prola 5. Whereas levels >250 ng/mL ar	a, which is 5 times more f is. c drugs, antinausea/antien f all classes, ergot derivati ticonvulsants (valporic acion nemia often results enorr dism in males. Postmenop <i>chyperprolactinemia.</i> of pregnancy and postpart e often absent in patients actin are not a reliable guid e usually associated with a y be due to macroprolacti	requent in females the netic drugs, Drugs the ves, some illegal dru d), anti-tuberculous nea or amenorrhea, ausal and premenop um lactation are indu with serum prolacti de for determining v a prolactin-secreting n (prolactin bound t	ostpartum period, and also is elevated in the than males). That affect CNS serotonin metabolism, seroton ugs such as cannabis), Antihypertensive drug medications (Isoniazid). and infertility in premenopausal females. bausal women, as well as men, can also suffe <i>icative of hyperprolactinemia</i> . n levels <100 ng/mL. vhether a prolactin-producing pituitary utmor.
ICREASED (HYPERPI Prolactin-secreting Functional and org Primary hypothyro Section compressic Chest wall lesions Ectopic tumors. DRUGS:- Anti-Dopa eceptors, or serotor Dpiates, High doses GNIFICANCE: In loss of libido, ga Loss of libido, ga Loss of libido, impo om decreased mus In males, prolactin In women, prolactin Clear symptoms ar Mild to moderatel denoma is present, AUTION: rolactin values that	ROLACTEMIA): pituitary adenoma (prolactinom anic disease of the hypothalamu idism. on of the pituitary stalk. and renal failure. aminergic drugs like antipsychotic nin reuptake (anti-depressants of of estrogen or progesterone, and lactorrhea, oligomHyperprolacting totence, infertility, and hypogona cle mass and osteoporosis. <i>levels >13 ng/mL are indicative of n levels >27 ng/mL in the absence</i> d signs of hyperprolactinemia ar y increased levels of serum prola 5. Whereas levels >250 ng/mL ar exceed the reference values ma	a, which is 5 times more f is. c drugs, antinausea/antien f all classes, ergot derivati ticonvulsants (valporic acion nemia often results enorr dism in males. Postmenop <i>chyperprolactinemia.</i> of pregnancy and postpart e often absent in patients actin are not a reliable guid e usually associated with a y be due to macroprolacti	requent in females the netic drugs, Drugs the ves, some illegal dru d), anti-tuberculous nea or amenorrhea, ausal and premenop um lactation are indu with serum prolacti de for determining v a prolactin-secreting n (prolactin bound t	ostpartum period, and also is elevated in the than males). That affect CNS serotonin metabolism, seroton ugs such as cannabis), Antihypertensive drug medications (Isoniazid). and infertility in premenopausal females. bausal women, as well as men, can also suffe <i>icative of hyperprolactinemia</i> . n levels <100 ng/mL. vhether a prolactin-producing pituitary utmor.
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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

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







	MD (Patho	/ Chopra ogy & Microbiology) & Consultant Patholog	M	am Chopra ID (Pathology) ant Pathologist
NAME	: Mrs. ISHA DANG			
AGE/ GENDER	: 39 YRS/FEMALE		PATIENT ID	: 1721440
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012501110008
REFERRED BY	:		REGISTRATION DATE	: 11/Jan/2025 09:56 AM
BARCODE NO.	: 01523736		COLLECTION DATE	: 11/Jan/2025 10:07AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Jan/2025 12:43PM
CLIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANT	т	
Test Name		Value	Unit	Biological Reference interval
	DROXY VITAMIN D3): SE ESCENCE IMMUNOASSAY)		HYDROXY VITAMIN ng/mL	
	CIENT:	< 20		ng/mL
	ICIENT:	21 - 29		ng/mL
	D RANGE:	<u> </u>		ng/mL
conversion of 7- dihy 2.25-OHVitamin D ra tissue and tiahtly bou 3.Vitamin D plays a p phosphate reabsorpt 4.Severe deficiency n DECREASED: 1.Lack of sunshine ex 2.Inadequate intake, 3.Depressed Hepatic 4.Secondary to advan 5.Osteoporosis and S 6.Enzyme Inducing dr INCREASED:	drocholecalciferol to Vitan epresents the main body re- ind by a transport protein rimary role in the mainten on, skeletal calcium depos hay lead to failure to miner bosure. malabsorption (celiac dise Vitamin D 25- hydroxylase ced Liver disease econdary Hyperparathroid ugs: anti-epileptic drugs lil is Rare, and is seen only a and hyperphophatemia.	in D3 in the skin upo sevoir and transport while in circulation. ance of calcium hom ition, calcium mobili alize newly formed o ase) activity ism (Mild to Modera se phenytoin, phenol fter prolonged expos	on Ultraviolet exposure. form of Vitamin D and tra neostatis. It promotes calci ization, mainly regulated b osteoid in bone, resulting in te deficiency) barbital and carbamazepin sure to extremely high dos	holecalciferol (from animals, Vitamin D3), or by nsport form of Vitamin D, being stored in adipose fum absorption, renal calcium absorption and v parathyroid harmone (PTH). n rickets in children and osteomalacia in adults. e, that increases Vitamin D metabolism. es of Vitamin D. When it occurs, it can result in pent of Vitamin D levels in order to prevent

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST

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

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

Page 18 of 21



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Cl MD (Pathology Chairman & Co		Dr. Yugam MD CEO & Consultant	(Pathology)		
NAME	: Mrs. ISHA DANG					
AGE/ GENDER	: 39 YRS/FEMALE	PAT	IENT ID	: 1721440		
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REFERRED BY	:	REG	STRATION DATE	: 11/Jan/2025 09:56 AM		
BARCODE NO.	: 01523736	COL	LECTION DATE	: 11/Jan/2025 10:07AM		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	DRTING DATE	: 11/Jan/2025 11:37AM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT				
Test Name		Value	Unit	Biological Reference interval		
		VITAMIN B12/C	OBALAMIN			
VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:-	ALAMIN: SERUM ESCENT MICROPARTICLE IMMUNOA	109 ^L	pg/mL	190.0 - 890.0		
	ED VITAMIN B12		DECREASED VITAMIN	V B12		
1.Ingestion of Vitam	nin C	1.Pregnancy				
2.Ingestion of Estro		2.DRUGS:Aspirin, Anti-convulsants, Colchicine				
3.Ingestion of Vitam 4.Hepatocellular in		3.Ethanol Igestion 4. Contraceptive Harmones				
5.Myeloproliferativ		5.Haemodialysis				
6.Uremia		6. Multiple M				
2.In humans, it is obt 3.The body uses its v excreted. 4.Vitamin B12 deficie ileal resection, small 5.Vitamin B12 deficie	ncy may be due to lack of IF sec intestinal diseases). ency frequently causes macrocy coordination, and affective bel s without macrocytic anemia.	is and requires intrinsic cally, reabsorbing vitam cretion by gastric mucos tic anemia, glossitis, pe	factor (IF) for absorp in B12 from the ileun a (eg, gastrectomy, g ripheral neuropathy, manifestations may o	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)	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist						
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BARCODE NO.	: 01523736		LECTION DATE	: 11/Jan/2025 10:07AM					
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A		PORTING DATE	: 11/Jan/2025 10:44AM					
	. 00 10/ 1, 110110110110110110, 1								
Test Name		Value	Unit	Biological Reference interval					
CLINICAL PATHOLOGY									
URINE ROUTINE & MICROSCOPIC EXAMINATION									
PHYSICAL EXAMI									
QUANTITY RECIEVED		10	ml						
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY COLOUR		AMBER YELL	ow	PALE YELLOW					
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY									
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		CLEAR		CLEAR					
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		1.01		1.002 - 1.030					
CHEMICAL EXAMI									
REACTION		ACIDIC							
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY PROTEIN		Negative		NEGATIVE (-ve)					
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY									
SUGAR by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)					
pH		6		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 ASCORBIC ACID		NEGATIVE (-ve)		NEGATIVE (-ve)					
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	MEGATIVE (-V	ve)	NEGATIVE (-VE)					
MICROSCOPIC EX									
RED BLOOD CELLS (RBCs)		NEGATIVE (-v	ve) /HPF	0 - 3					



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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



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

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	/IBALA CANT	Г		
Test Name		Value	Unit	Biological Reference interval	
by MICROSCOPY ON (CENTRIFUGED URINARY SEDIMENT				
PUS CELLS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5	

2-4	/HPF	ABSENT
NEGATIVE (-ve)		NEGATIVE (-ve)
ABSENT		ABSENT
	NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve)	NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve)

** End Of Report ***



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

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

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