



	<b>Dr. Vinay Chopr</b> MD (Pathology & Mic Chairman & Consulta	robiology)		Yugam C MD (Pa onsultant Par	thology)
NAME	: Mrs. NEHA				
AGE/ GENDER	: 36 YRS/FEMALE		PATIENT ID	:	: 1574288
<b>COLLECTED BY</b>	:		REG. NO./LAB N	0.	: 012408080004
<b>REFERRED BY</b>	:		REGISTRATION	DATE	: 08/Aug/2024 07:31 AM
BARCODE NO.	:01514678		<b>COLLECTION DA</b>	TE	: 08/Aug/2024 07:33AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DA	ТЕ	: 08/Aug/2024 09:22AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANT	Т		
Test Name		Value	L	Jnit	Biological Reference interval
	SWAS	THYA W	ELLNESS PANE	L: 1.5	
			LOOD COUNT (C		
	RBCS) COUNT AND INDICES			60)	
HAEMOGLOBIN (HB)		10.6 <sup>L</sup>	ç	jm/dL	12.0 - 16.0
RED BLOOD CELL (RE	BC) COUNT FOCUSING, ELECTRICAL IMPEDENCE	3.9	1	Villions/cmr	n 3.50 - 5.00
PACKED CELL VOLUN		33.2 <sup>L</sup>	c	%	37.0 - 50.0
MEAN CORPUSCULA	R VOLUME (MCV)	85.1	f	1	80.0 - 100.0
MEAN CORPUSCULA	AUTOMATED HEMATOLOGY ANALYZER R HAEMOGLOBIN (MCH)	27	ŗ	og	27.0 - 34.0
MEAN CORPUSCULA	AUTOMATED HEMATOLOGY ANALYZER AR HEMOGLOBIN CONC. (MCHC)	31.8 <sup>L</sup>	ç	J/dL	32.0 - 36.0
RED CELL DISTRIBUT	a <b>utomated hematology analyzer</b> TON WIDTH (RDW-CV)	13.9	ç	%	11.00 - 16.00
RED CELL DISTRIBUT	automated hematology analyzer TION WIDTH (RDW-SD)	44.1	f	L	35.0 - 56.0
by CALCULATED BY A MENTZERS INDEX by CALCULATED	AUTOMATED HEMATOLOGY ANALYZER	21.82	F	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE	ΞX	30.13	F	RATIO	BETA THALASSEMIA TRAIT: < = 65.0
WHITE BLOOD CELLS	<u>S (WBCS)</u>				IRON DEFICIENCY ANEMIA: > 65.0
TOTAL LEUCOCYTE C		5120		′cmm	4000 - 11000
NUCLEATED RED BLO		NIL			0.00 - 20.00
NUCLEATED RED BLO	DOD CELLS (nRBCS) % AUTOMATED HEMATOLOGY ANALYZER &	NIL	ç	%	< 10 %

**DIFFERENTIAL LEUCOCYTE COUNT (DLC)** 



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.







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

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

NAME	: Mrs. NEHA		
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Test Name	Value	Unit	Biological Reference interval
NEUTROPHILS by flow cytometry by SF cube & microscopy	63	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	29	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2	%	1 - 6
MONOCYTES by flow cytometry by SF cube & microscopy	6	%	2 - 12
BASOPHILS by flow cytometry by sf cube & microscopy ABSOLUTE LEUKOCYTES (WBC) COUNT	0	%	0 - 1
ABSOLUTE NEUTROPHIL COUNT by flow cytometry by SF cube & microscopy	3226	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by flow cytometry by sf cube & microscopy	1485	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by SF cube & microscopy	102	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	307	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE MARKE	<u>RS.</u>		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	239000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.31	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	13 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	109000 <sup>H</sup>	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	45.6 <sup>H</sup>	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.2	%	15.0 - 17.0



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		U
Test Name		Value	Unit	Biological Reference interval
	GI	YCOSYLATED HAEI	MOGLOBIN (HBA1C)	
GLYCOSYLATED HAEMO WHOLE BLOOD by HPLC (HIGH PERFORM	DGLOBIN (HbA1c):	5.5	%	4.0 - 6.4
ESTIMATED AVERAGE F		111.15	mg/dL	60.00 - 140.00
MILA KLIANON.			-	
DE	AS PER AMERICAN DIAE			
	FERENCE GROUP	GLYCOSYLA	TED HEMOGLOGIB (HBAIC) i	Π %
	etic Adults >= 18 years Risk (Prediabetes)	<5.7 5.7 – 6.4		
	anosing Disbotos	(	5.7 - 0.4	

Non diabetic Adults >= 18 years	<5.7		
At Risk (Prediabetes)	5.7 - 6.4		
Diagnosing Diabetes	>= 6.5		
	Age > 19 Ye	ars	
	Goals of Therapy:	< 7.0	
Therapeutic goals for glycemic control	Actions Suggested:	>8.0	
	Age < 19 Ye	ars	
	Goal of therapy:	<7.5	

#### COMMENTS:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

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. HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications

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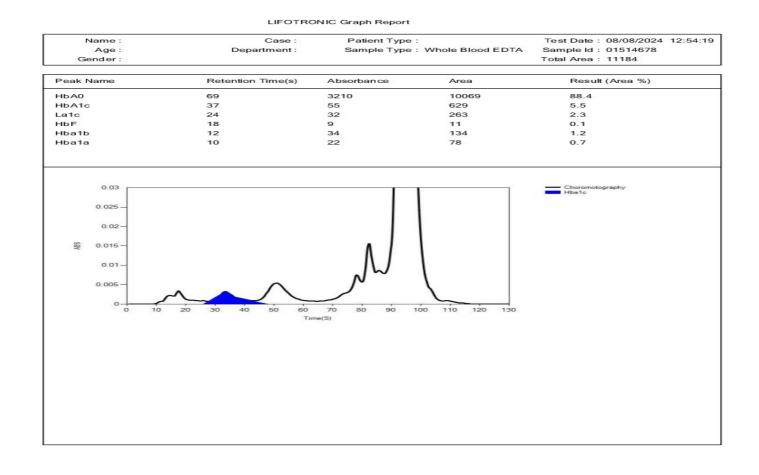
4.High







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







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		y & Microbiology)	Pr. Yugam C MD (Pat Consultant Pat	hology)
AME	: Mrs. NEHA			
GE/ GENDER	: 36 YRS/FEMALE	PATIENT ID	:	1574288
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ARCODE NO.	:01514678	COLLECTION I	DATE :	08/Aug/202407:33AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING D	ATE :	08/Aug/2024 09:44AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
est Name		Value	Unit	Biological Reference interval
	ERY	THROCYTE SEDIMENTATION	RATE (ESR)	
	MENTATION RATE (ESR) RGREN AUTOMATED METHOD	18	mm/1st hr	0 - 20
ystemic lupus eryth ONDITION WITH LO I low ESR can be see polycythaemia), sig s sickle cells in sick IOTE: . ESR and C - reactiv . Generally, ESR doe . CRP is not affected . If the ESR is elevat . Women tend to ha . Drugs such as dexi	ematosus <b>W ESR</b> n with conditions that inhibit ificantly high white blood cel e cell anaemia) also lower the e protein (C-RP) are both mark s not change as rapidly as doe <b>by as many other factors as is</b> ed, it is typically a result of tw ve a higher ESR, and menstrua	the normal sedimentation of red blo l count (leucocytosis) , and some pr e ESR. es CRP, either at the start of inflamn <b>ESR, making it a better marker of in</b> to types of proteins, globulins or fibr ation and pregnancy can cause temp	ood cells, such otein abnorma nation or as it r flammation. inogen. orary elevation	lities. Some changes in red cell shape (such esolves.



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Page 5 of 20





		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT	Unit	Biological Reference interval
		Value	/BIOCHEMISTR	

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.
 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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Page 6 of 20







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mrs. NEHA NAME AGE/ GENDER : 36 YRS/FEMALE **PATIENT ID** :1574288 **COLLECTED BY** :012408080004 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :08/Aug/2024 07:31 AM **BARCODE NO.** :01514678 **COLLECTION DATE** :08/Aug/202407:33AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :08/Aug/2024 10:06AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit **Biological Reference interval** Test Name LIPID PROFILE : BASIC CHOLESTEROL TOTAL: SERUM 153.89 mg/dL OPTIMAL: < 200.0 by CHOLESTEROL OXIDASE PAP BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0 TRIGLYCERIDES: SERUM 40.99 mg/dL OPTIMAL: < 150.0 by GLYCEROL PHOSPHATE OXIDASE (ENZYMATIC) BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0 HDL CHOLESTEROL (DIRECT): SERUM 67.1 mg/dL LOW HDL: < 30.0 by SELECTIVE INHIBITION BORDERLINE HIGH HDL: 30.0 -60.0 HIGH HDL: > OR = 60.0 LDL CHOLESTEROL: SERUM 78.59 mg/dL OPTIMAL: < 100.0 by CALCULATED, SPECTROPHOTOMETRY ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0 NON HDL CHOLESTEROL: SERUM 86.79 mg/dL OPTIMAL: < 130.0 by CALCULATED, SPECTROPHOTOMETRY ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0 VLDL CHOLESTEROL: SERUM 8.2 mg/dL 0.00 - 45.00 by CALCULATED, SPECTROPHOTOMETRY **TOTAL LIPIDS: SERUM** mg/dL 350.00 - 700.00 348.77<sup>L</sup> by CALCULATED, SPECTROPHOTOMETRY CHOLESTEROL/HDL RATIO: SERUM 2.29 RATIO LOW RISK: 3.30 - 4.40 by CALCULATED, SPECTROPHOTOMETRY AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 LDL/HDL RATIO: SERUM 1.17 RATIO LOW RISK: 0.50 - 3.0 by CALCULATED, SPECTROPHOTOMETRY MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0

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FEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD	L RATIO: SERUM	0.61 <sup>L</sup>	RATIO	3.00 - 5.00

### **INTERPRETATION:**

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

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

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

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

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Test Name	Value	Unit	Biological Reference interval
LI LI	VER FUNCTION TE	ST (COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.24	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.12	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by calculated, spectrophotometry	0.12	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	16.6	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	16.4	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by calculated, spectrophotometry	1.01	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHY PROPANOL	92.48 L	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	8.88	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.7	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	3.87	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by calculated, spectrophotometry	2.83	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.37	RATIO	1.00 - 2.00

# **INTERPRETATION**

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:**

DRUG HEPATOTOXICITY	> 2		
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)		
CIRRHOSIS	1.4 - 2.0		
INTRAHEPATIC CHOLESTATIS	> 1.5		





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Test Name		Value	Unit	Biological Reference in	nterval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS		> 1.3 (Slightly Inc	reased)	
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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REG. NO./LAB NO.

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**CEO & Consultant Pathologist** 

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: KOS DIAGNOSTIC LAB

**CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Test Name	Value	Unit	Biological Reference interval
KIE	ONEY FUNCTION T	EST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)	25.51	mg/dL	10.00 - 50.00
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY	0.94	mg/dL	0.40 - 1.20
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY	11.92	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	12.68	RATIO	10.0 - 20.0
UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	27.14	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	2.54	mg/dL	2.50 - 6.80
CALCIUM: SERUM by Arsenazo III, spectrophotometry	9.48	mg/dL	8.50 - 10.60
PHOSPHOROUS: SERUM by phosphomolybdate, spectrophotometry ELECTROLYTES	3.45	mg/dL	2.30 - 4.70
ESTIMATED GLOMERULAR FILTERATION RATE			
ESTIMATED GLOMERULAR FILTERATION RATE	80.6		

ESTIMATED GLOMERULAR FILTERATION RATE (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

4. High protein intake.

5. Impaired renal function plus

6. Excess protein intake or production or tissue breakdown (e.g. infection, GI bleeding, thyrotoxicosis, Cushing's syndrome, high protein diet, burns, surgery, cachexia, high fever).

7. Urine reabsorption (e.g. ureter colostomy)





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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



NAME

**BARCODE NO.** 

CLIENT CODE.





	١	<b>Dr. Vinay Chopra</b> 1D (Pathology & Micr Chairman & Consultan	obiology)		Igam Cho MD (Patho ultant Patho	ology)		
NAME	: Mrs. NEHA							
AGE/ GENDER	: 36 YRS/FEMA	LE		PATIENT ID	: 1	574288		
COLLECTED BY	:			REG. NO./LAB NO.	:0	124080800	04	
REFERRED BY				REGISTRATION DAT		8/Aug/2024 0	7·31 ∆M	
BARCODE NO.	:01514678			COLLECTION DATE		3/Aug/20240		
						0		
CLIENT CODE.	: KOS DIAGNOS			REPORTING DATE	: 08	8/Aug/2024 1	U:06AM	
CLIENT ADDRESS	: 6349/1, NICF	OLSON ROAD, AMBA	ALA CANT'I					
Test Name			Value	Unit		Biologi	cal Referen	ce interval
<ol> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> <li>DECREASED RATIO (&lt;</li> <li>Acute tubular necr</li> <li>Low protein diet al</li> </ol>	I (BUN rises dispr superimposed of IO:1) WITH DECRE osis. Ind starvation.	renal disease.		ne) (e.g. obstructive u	uropathy).			
<ol> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>DECREASED RATIO (&lt;</li> <li>Acute tubular necr</li> <li>Low protein diet ar</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of</li> <li>Pregnancy.</li> <li>DECREASED RATIO (&lt;</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>INAPPROPIATE RATIO</li> <li>Diabetic ketoacido</li> <li>should produce an in</li> <li>Cephalosporin the</li> </ol>	<ul> <li>(BUN rises dispr superimposed or superimposed or osis.</li> <li>ad starvation.</li> <li>creased urea syn urea rather than monemias (urea of inappropiate an of inappropiate and celeases muscle c who develop ren sis (acetoacetate creased BUN/cre apy (interferes w</li> </ul>	rED CREATININE LEVE oportionately more to renal disease. ASED BUN : thesis. creatinine diffuses of is virtually absent in ntidiuretic harmone) ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). ith creatinine measu	han creatinir ut of extrace blood). due to tubula to creatinin e in creatinir	ellular fluid). ar secretion of urea.		esulting in no	rmal ratio w	'hen dehydr
<ol> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>DECREASED RATIO (&lt;</li> <li>Acute tubular necr</li> <li>Low protein diet ai</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of</li> <li>Pregnancy.</li> <li>DECREASED RATIO (&lt;</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>INAPPROPIATE RATIO</li> <li>Diabetic ketoacido</li> <li>should produce an in</li> <li>Cephalosporin the</li> </ol>	<ul> <li>(BUN rises dispr superimposed or superimposed or osis.</li> <li>ad starvation.</li> <li>creased urea syn urea rather than monemias (urea of inappropiate an of inappropiate and celeases muscle c who develop ren sis (acetoacetate creased BUN/cre apy (interferes w</li> </ul>	rED CREATININE LEVE oportionately more to renal disease. ASED BUN : thesis. creatinine diffuses of is virtually absent in ntidiuretic harmone) ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). ith creatinine measu	han creatinir ut of extrace blood). due to tubula to creatinin e in creatinir rement).	ellular fluid). ar secretion of urea. e).	odologies,r	esulting in no TED FINDINGS		'hen dehydr
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<ol> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Prezenal azotemia</li> <li>Acute tubular necr</li> <li>Low protein diet and</li> <li>Severe liver diseas</li> <li>Other causes of decision</li> <li>Repeated dialysis</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of Pregnancy.</li> <li>Pregnancy.</li> <li>Pregnancy.</li> <li>Phenacimide theration</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>NAPPROPIATE RATIO</li> <li>Diabetic ketoacido should produce an in</li> <li>Cephalosporin theration</li> <li>CKD STAGE</li> </ol>	(BUN rises dispr superimposed of superimposed of (0:1) WITH DECRE osis. ad starvation. e. creased urea syn urea rather than monemias (urea of inappropiate al (0:1) WITH INCRE py (accelerates c eleases muscle c who develop ren : sis (acetoacetate creased BUN/cre apy (interferes w ULAR FILTERATION Norr Kic nc	<b>TED CREATININE LEVE</b> oportionately more to renal disease. <b>ASED BUN :</b> thesis.         creatinine diffuses of is virtually absent in tidiuretic harmone) <b>ASED CREATININE:</b> onversion of creatine reatinine).         al failure.         causes false increase attinine ratio).         ith creatinine measu <b>IRATE: DESCRIPTION</b> nal kidney function         ney damage with rmal or high GFR	han creatinir ut of extrace blood). due to tubula to creatinin e in creatinir rement).	ellular fluid). ar secretion of urea. e). ne with certain metho L/min/1.73m2 )	odologies,r ASSOCIA No p Presenc	TED FINDINGS		'hen dehydr
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1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI G1 G1 G2	(BUN rises dispr superimposed of superimposed of (0:1) WITH DECRE osis. ad starvation. creased urea syn urea rather than monemias (urea of inappropiate an (0:1) WITH INCRE py (accelerates c eleases muscle c who develop rent: sis (acetoacetate creased BUN/creater apy (interferes w UAR FILTERATION Norr Kic nci Mill Mode	<b>TED CREATININE LEVE</b> oportionately more to renal disease. <b>ASED BUN :</b> thesis.         creatinine diffuses of is virtually absent in tidiuretic harmone) <b>ASED CREATININE:</b> onversion of creatine reatinine).         al failure.         causes false increase attinine ratio).         ith creatinine measu <b>IRATE: DESCRIPTION</b> nal kidney function         ney damage with rmal or high GFR	han creatinir ut of extrace blood). due to tubula to creatinin e in creatinir rement).	ellular fluid). ar secretion of urea. e). he with certain metho L/min/1.73m2 ) >90 >90	odologies,r ASSOCIA No p Presenc	TED FINDINGS roteinuria e of Protein ,		'hen dehydr



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







	<b>Dr. Vinay Chop</b> MD (Pathology & M Chairman & Consult	icrobiology) MI	m Chopra D (Pathology) ht Pathologist
NAME	: Mrs. NEHA		
AGE/ GENDER	: 36 YRS/FEMALE	PATIENT ID	: 1574288
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012408080004
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 08/Aug/2024 07:31 AM
BARCODE NO.	: 01514678	COLLECTION DATE	: 08/Aug/2024 07:33AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 08/Aug/2024 10:06AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
			/
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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Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist

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

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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 08/Aug/2024 10:25AM
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Test Name	Value	Unit	<b>Biological Reference interval</b>

	IRON PRO	FILE	
IRON: SERUM by FERROZINE, SPECTROPHOTOMETRY	34.21 <sup>L</sup>	μg/dL	37.0 - 145.0
UNSATURATED IRON BINDING CAPACITY (UIBC) SERUM	288.09	µg/dL	150.0 - 336.0
TOTAL IRON BINDING CAPACITY (TIBC) :SERUM by SPECTROPHOTOMETERY	322.3	μg/dL	230 - 430
KRANSFERRIN SATURATION: SERUM by CALCULATED, SPECTROPHOTOMETERY (FERENE)	10.61 <sup>L</sup>	%	15.0 - 50.0
TRANSFERRIN: SERUM by SPECTROPHOTOMETERY (FERENE)	228.83	mg/dL	200.0 - 350.0

### **INTERPRETATION:-**

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

### 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.

2. 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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	MD (Pathology & Mi Chairman & Consult			(Pathology)
NAME	: Mrs. NEHA			
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CLIENT CODE.	: KOS DIAGNOSTIC LAB		<b>REPORTING DATE</b>	: 08/Aug/2024 10:06AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANT	Т	
Test Name		Value	Unit	Biological Reference interval
		ENDO	CRINOLOGY	
	THY	ROID FUN	ICTION TEST: TOTAL	
TRIIODOTHYRONINE (1	T3): SERUM	1.011	ng/mL	0.35 - 1.93
	CENT MICROPARTICLE IMMUNOASSA	,		1.07 10.40
THYROXINE (T4): SERU	IVI CENT MICROPARTICLE IMMUNOASSA	7.28 Y)	µgm/dL	4.87 - 12.60
THYROID STIMULATIN	G HORMONE (TSH): SERUM	0.825	μlU/mL	0.35 - 5.50
by CMIA (CHEMILUMINES 3rd GENERATION, ULTRA	CENT MICROPARTICLE IMMUNOASSA	Y)		
JIU GENERATION, ULIKA	SENSITIVE			

CLINICAL CONDITION	T3	T4	TSH
Primary Hypothyroidism:	Reduced	Reduced	Increased (Significantly)
Subclinical Hypothyroidism:	Normal or Low Normal	Normal or Low Normal	High
Primary Hyperthyroidism:	Increased	Increased	Reduced (at times undetectable)
Subclinical Hyperthyroidism:	Normal or High Normal	Normal or High Normal	Reduced

#### LIMITATIONS:-

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

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.

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 (eg: phenytoin , salicylates).

3. Serum T4 levles 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 hypothroidism, pregnancy, phenytoin therapy.

TRIIODOTH	(RONINE (T3)	THYROXINE (T4)		THYROID STIMUL	ATING 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





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Test Name			Value	Unit		Biological Reference interval
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 – 12 Months	0.70 - 7.00	
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 LI	EVELS DURING PRE	GNANCY ( µIU/mL)		
1st Trimester			0.10 - 2.50			
2nd Trimester		0.20 - 3.00				
	3rd Trimester			0.30 - 4.10		

## INCREASED TSH LEVELS:

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

2. Hypothyroid patients receiving insufficient thyroid replacement therapy.

3.Hashimotos thyroiditis

4.DRUGS: Amphetamines, idonie 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 goitre & Thyroiditis.

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

3. Autonomously functioning Thyroid adenoma

4. Secondary pituatary or hypothalmic hypothyroidism

5. Acute psychiatric illness

6.Severe dehydration.

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

8.Pregnancy: 1st and 2nd Trimester





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Chopra y & Microbiology) onsultant Pathologis		(Pathology)	
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		U	
Test Name		Value	Unit	Biological Reference interval	
		VIT	AMINS		
	N	ITAMIN D/25 H	YDROXY VITAMIN D3		
VITAMIN D (25-HYDROXY VITAMIN D3): SERUM by clia (chemiluminescence immunoassay)		46.935	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0	
INTERPRETATION:		< 20			
DEFICIENT: INSUFFICIENT:					
INSUFI	FICIENT:			g/mL g/mL	
PREFFERE INTOXI 1.Vitamin D compour	ED RANGE: CATION:	21 - 29 30 - 100 > 100 rgocalciferol (from	plants, Vitamin D2), or chc	g/mL g/mL g/mL g/mL Ilecalciferol (from animals, Vitamin D3), or by	





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CLIENT ADDRESS					
				Distantial Defense initia	
Test Name		Value	Unit	Biological Reference in	nterva
Test Name		Value	Unit	Biological Reference in	nterva
Test Name		Value VITAMIN B12/COI		Biological Reference in	nterva
VITAMIN B12/COBA	LAMIN: SERUM NESCENT MICROPARTICLE			Biological Reference in 190.0 - 830	nterva
VITAMIN B12/COBA by CMIA (CHEMILUMI IMMUNOASSAY) INTERPRETATION:-	NESCENT MICROPARTICLE	VITAMIN B12/COI 1083.7 <sup>H</sup>	BALAMIN pg/mL	190.0 - 830	nterva
VITAMIN B12/COBA by CMIA (CHEMILUMI IMMUNOASSAY) INTERPRETATION:- INCREAS	NESCENT MICROPARTICLE	VITAMIN B12/COI 1083.7 <sup>H</sup>	BALAMIN	190.0 - 830	nterva
VITAMIN B12/COBA by CMIA (CHEMILUMI IMMUNOASSAY) INTERPRETATION:- INCREAS 1.Ingestion of Vitan	NESCENT MICROPARTICLE SED VITAMIN B12 nin C	VITAMIN B12/COI 1083.7 <sup>H</sup>	BALAMIN pg/mL DECREASED VITAMIN	190.0 - 830 NB12	nterva
VITAMIN B12/COBA by CMIA (CHEMILUMI IMMUNOASSAY) INTERPRETATION:- INCREAS	NESCENT MICROPARTICLE SED VITAMIN B12 nin C gen	VITAMIN B12/COI 1083.7 <sup>H</sup>	BALAMIN pg/mL DECREASED VITAMIN	190.0 - 830 NB12	nterva
VITAMIN B12/COBA by CMIA (CHEMILUMI IMMUNOASSAY) INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in	NESCENT MICROPARTICLE SED VITAMIN B12 nin C gen nin A jury	VITAMIN B12/COI 1083.7 <sup>H</sup> 1.Pregnancy 2.DRUGS:Aspiri 3.Ethanol Igesti 4. Contraceptive	BALAMIN pg/mL DECREASED VITAMIN n, Anti-convulsants on Harmones	190.0 - 830 NB12	nterva
VITAMIN B12/COBA by CMIA (CHEMILUMI IMMUNOASSAY) INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan	NESCENT MICROPARTICLE SED VITAMIN B12 nin C gen nin A jury	VITAMIN B12/COI 1083.7 <sup>H</sup> 1.Pregnancy 2.DRUGS:Aspiri 3.Ethanol Igesti	BALAMIN pg/mL DECREASED VITAMIN n, Anti-convulsants on Harmones s	190.0 - 830 NB12	nterva

4. Vitamin B12 deficiency may be due to lack of IF secretion by gastric mucosa (eg, gastrectomy, gastric atrophy) or intestinal malabsorption (eg, ileal resection, small intestinal diseases).

5. Vitamin B12 deficiency frequently causes macrocytic anemia, glossitis, peripheral neuropathy, weakness, hyperreflexia, ataxia, loss of proprioception, poor coordination, and affective behavioral changes. These manifestations may occur in any combination; many patients have the neurologic defects without macrocytic anemia.

6.Serum methylmalonic acid and homocysteine levels are also elevated in vitamin B12 deficiency states.

7. Follow-up testing for antibodies to intrinsic factor (IF) is recommended to identify this potential cause of vitamin B12 malabsorption. **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)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	Dr. Vinay Cho MD (Pathology & Chairman & Cons			
NAME AGE/ GENDER	: Mrs. NEHA : 36 YRS/FEMALE	PATI	ENT ID	: 1574288
COLLECTED BY REFERRED BY BARCODE NO.	: : : 01514678	REGI	NO./LAB NO. STRATION DATE ECTION DATE	: 012408080004 : 08/Aug/2024 07:31 AM : 08/Aug/2024 07:33AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A	REPO	ORTING DATE	: 08/Aug/2024 09:00AM
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATI	HOLOGY	
	URINE RO	OUTINE & MICROS	COPIC EXAMINAT	ION
PHYSICAL EXAMINAT	ION			
QUANTITY RECIEVED	ANCE SPECTROPHOTOMETRY	10	ml	
COLOUR	ANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
-	ANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
CHEMICAL EXAMINA	TION			
REACTION	ANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
рН		5.5		5.0 - 7.5
BILIRUBIN	by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			NEGATIVE (-ve)
NITRITE	ANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN	ANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID	ANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)

MICROSCOPIC EXAMINATION



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Page 19 of 20

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

NAME	: Mrs. NEHA		
AGE/ GENDER	: 36 YRS/FEMALE	PATIENT ID	: 1574288
COLLECTED BY	:	REG. NO./LAB NO.	: 012408080004
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 08/Aug/2024 07:31 AM
BARCODE NO.	: 01514678	<b>COLLECTION DATE</b>	: 08/Aug/2024 07:33AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 08/Aug/2024 09:00AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	ТТ	
Test Name	Value	Unit	<b>Biological Reference interval</b>

Test Name	Value	Unit	Biological Reference interval
RED BLOOD CELLS (RBCs) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/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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