

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chop	ra	Dr. Yugan	n Chopra
	MD (Pathology & Mic Chairman & Consulta	crobiology)	MD	(Pathology)
NAME	: Mr. NIKHIL			
AGE/ GENDER	: 25 YRS/MALE		PATIENT ID	: 1657847
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012410310017
REFERRED BY	:		REGISTRATION DATE	: 31/Oct/2024 10:21 AM
	: 01519856		COLLECTION DATE	: 31/Oct/2024 10:28AM
	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 31/Oct/2024 10:40AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMI	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAST	'HYA WE	LLNESS PANEL: 1.	5
			OOD COUNT (CBC)	•
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		14	gm/dL	12.0 - 17.0
RED BLOOD CELL (R	BC) COUNT cusing, electrical impedence	4.9	Millions	/cmm 3.50 - 5.00
PACKED CELL VOLU	ME (PCV) Tomated hematology analyzer	44	%	40.0 - 54.0
MEAN CORPUSCULA		89.8	fL	80.0 - 100.0
	R HAEMOGLOBIN (MCH) TOMATED HEMATOLOGY ANALYZER	28.6	pg	27.0 - 34.0
	R HEMOGLOBIN CONC. (MCHC) TOMATED HEMATOLOGY ANALYZER	31.9 ^L	g/dL	32.0 - 36.0
	TION WIDTH (RDW-CV) TOMATED HEMATOLOGY ANALYZER	13.5	%	11.00 - 16.00
RED CELL DISTRIBU	TION WIDTH (RDW-SD) TOMATED HEMATOLOGY ANALYZER	45.5	fL	35.0 - 56.0
MENTZERS INDEX		18.33	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE by CALCULATED	X	24.77	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELI	<u>LS (WBCS)</u>			
	COUNT (TLC) BY SF CUBE & MICROSCOPY	6630	/cmm	4000 - 11000
		3777		0.00 - 20.00
NUCLEATED RED BL	OOD CELLS (nRBCS) HEMATOLOGY ANALYZER	NIL		0.00 20.00





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







MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Dr. Vinay Chopra



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

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Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	49 ^L	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	39	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	3249	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2586	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	332	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	464	/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	138000 ^L	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.2	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	15 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	83000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	60.1 ^H	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.3	%	15.0 - 17.0





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Test Name	Val	ue Unit	Biological Reference interval







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Test Name		Value	Unit	Biological Reference interval
	GLY	COSYLATED HAEMOG	LOBIN (HBA1C)	
GLYCOSYLATED HAE		COSYLATED HAEMOG 4.8	LOBIN (HBA1C) %	4.0 - 6.4
WHOLE BLOOD	MOGLOBIN (HbA1c):			4.0 - 6.4
WHOLE BLOOD	MOGLOBIN (HbA1c):		%	4.0 - 6.4 60.00 - 140.00
WHOLE BLOOD by hplc (high perform ESTIMATED AVERAGI	MOGLOBIN (HbA1c):	4.8		
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	4.8 91.06	%	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION:	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	4.8 91.06 RETES ASSOCIATION (ADA):	%	60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE	4.8 91.06 RETES ASSOCIATION (ADA):	% mg/dL	60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: REL Non diab At R	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes)	4.8 91.06 BETES ASSOCIATION (ADA): GLYCOSYLATED HI	% mg/dL EMOGLOGIB (HBAIC) ii <5.7 5.7 - 6.4	60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: REL Non diab At R	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP etic Adults >= 18 years	4.8 91.06 BETES ASSOCIATION (ADA): GLYCOSYLATED HI	% mg/dL EMOGLOGIB (HBAIC) ii <5.7 5.7 - 6.4 >= 6.5	60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: REL Non diab At R	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes)	4.8 91.06 SETES ASSOCIATION (ADA): GLYCOSYLATED HI	% mg/dL EMOGLOGIB (HBAIC) ii <5.7 5.7 - 6.4 >= 6.5 2 > 19 Years	60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE Non diabi At R Diag	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes) gnosing Diabetes	4.8 91.06 BETES ASSOCIATION (ADA): GLYCOSYLATED HI Set State	% mg/dL EMOGLOGIB (HBAIC) ii <5.7 5.7 - 6.4 >= 6.5 2 > 19 Years < 7.0	60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE Non diabi At R Diag	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes)	4.8 91.06 BETES ASSOCIATION (ADA): GLYCOSYLATED HI COURT OF THE SUPPORT OF THE SU	% mg/dL EMOGLOGIB (HBAIC) ii <5.7 5.7 - 6.4 >= 6.5 2 > 19 Years	60.00 - 140.00

COMMENTS:

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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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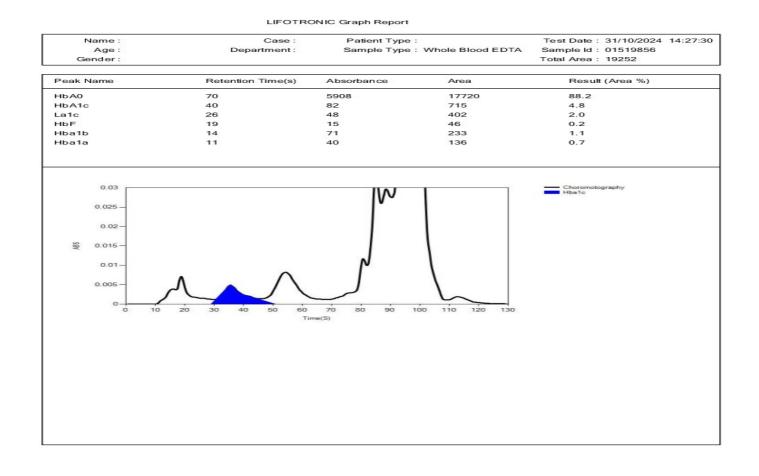








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Test Name		Value Unit	Biological Reference interval







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CLIENT ADDRESS	: 6349/1, NIC	CHOLSON ROAD, A	AMBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus eryth CONDITION WITH LO' A low ESR can be see (polycythaemia), sigr as sickle cells in sickl NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat	ected by other co be used to mon ematosus W ESR In with condition hificantly high w le cell anaemia) e protein (C-RP) es not change as by as many oth ed, it is typically	onditions besides itor disease activi ns that inhibit the vhite blood cell co also lower the Es arapidly as does C ser factors as is ESI y a result of two t	inflammation. Fo ity and response normal sedimen ount (leucocytosis SR. s of inflammation RP, either at the R, making it a bet ypes of proteins,	r this reason, the ESR is ty to therapy in both of the a tation of red blood cells, s) , and some protein abno start of inflammation or a ter marker of inflammation globulins or fibrinogen.	n.
Women tend to ha	ive a higher ESR tran, methyldop	, and menstruationa, oral contracep	n and pregnancy	can cause temporary eleva	ations. Illine, and vitamin A can increase ESR, while

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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Test Name	_	Valu	ie I	J nit	Biological Reference interval
		CLINICAL CHI	EMISTRY/BIOCH	EMISTR	Y
		GLU	COSE FASTING (F)		
GLUCOSE FASTINC	G (F): PLASMA E - PEROXIDASE (GOL	96.0 9-POD)	36	ng/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCRDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood

test (after consumption of 75 gms of glucose) is recommended for all such patients. 3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.



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Test Name		Value	Unit	Biological Reference interval
		LIPID PROFII	E · BASIC	
CHOLESTEROL TO	TAL·SEDIM	191.9	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL O		191.9	ing/uL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	100.63	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 10N	41.51	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERO		130.26 ^H	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLES' by Calculated, spe		150.39 ^H	mg/dL	VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER		20.13	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SEE	RUM	484.43	mg/dL	350.00 - 700.00
by CALCULATED, SPE CHOLESTEROL/HI by CALCULATED, SPE	DL RATIO: SERUM	4.62 ^H	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		3.14 ^H	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	2.42 ^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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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mr. NIKHIL AGE/ GENDER : 25 YRS/MALE **PATIENT ID** :1657847 **COLLECTED BY** : SURJESH REG. NO./LAB NO. :012410310017 **REFERRED BY** : **REGISTRATION DATE** : 31/Oct/2024 10:21 AM **BARCODE NO.** :01519856 **COLLECTION DATE** : 31/Oct/2024 10:28AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 31/Oct/2024 11:33AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit

			0
LIVER	FUNCTION TEST (CO	MPLETE)	
BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	0.76	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.16	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by calculated, spectrophotometry	0.6	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	20.4	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	16.8	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by calculated, spectrophotometry	1.21	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by Para Nitrophenyl phosphatase by amino methyl propanol	128.87	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by szasz, spectrophtometry	17.12	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by biuret, spectrophotometry	7.69	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.81	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.88	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.67	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
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)



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Biological Reference interval

NAME





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA C	ANTT	

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



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

MBBS, MD (PATHOLOGY)







	Dr. Vinay Cho MD (Pathology & N Chairman & Consu	1icrobiology)	Dr. Yugam MD (F CEO & Consultant P	Pathology)
NAME	: Mr. NIKHIL			
AGE/ GENDER	: 25 YRS/MALE	PA	ATIENT ID	: 1657847
COLLECTED BY	: SURJESH	RI	EG. NO./LAB NO.	:012410310017
REFERRED BY	:	RI	EGISTRATION DATE	: 31/Oct/2024 10:21 AM
BARCODE NO.	: 01519856	CO	DLLECTION DATE	: 31/Oct/2024 10:28AM
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	KIDNF	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM	IATE DEHYDROGENASE (GLDH)	25.57	mg/dL	10.00 - 50.00
CREATININE: SERU by ENZYMATIC, SPEC	JM	1.03	mg/dL	0.40 - 1.40
BLOOD UREA NITE by CALCULATED, SPE	COGEN (BUN): SERUM	11.95	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	11.6	RATIO	10.0 - 20.0
UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	24.83	RATIO	
URIC ACID: SERUM	[6.88	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPE		9.88	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE		3.7	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIV	'E ELECTRODE)	141.5	mmol/L	135.0 - 150.0
POTASSIUM: SERU	M	4.63	mmol/L	3.50 - 5.00
CHLORIDE: SERUM	1	106.13	mmol/L	90.0 - 110.0
	IERULAR FILTERATION RATE			
ESTIMATED GLOM (eGFR): SERUM	ERULAR FILTERATION RATE	103.4		

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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





		& Microbiology)	Dr. Yugan MD CEO & Consultan	(Pathology)	
NAME	: Mr. NIKHIL				
AGE/ GENDER	: 25 YRS/MALE	PATIEN	T ID	: 1657847	
COLLECTED BY	: SURJESH	REG. NO	./LAB NO.	:012410310017	
REFERRED BY			RATION DATE	: 31/Oct/2024 10:2	91 АМ
BARCODE NO.	: 01519856		FION DATE	: 31/Oct/2024 10:2	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		TING DATE	: 31/Oct/2024 11:3	33AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT			
Test Name		Value	Unit	Biologica	l Reference interval
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<	tetracycline, glucocorticoids) 20:1) WITH ELEVATED CREATININ a (BUN rises disproportionately superimposed on renal disease 10:1) WITH DECREASED BUN :	more than creatinine) (e.g.	obstructive uropa	athy).	
INCREASED RATIO (>2 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 thera ESTIMATED GLOMERI CKD STAGE	20:1) WITH ELEVATED CREATININ a (BUN rises disproportionately superimposed on renal disease 10:1) WITH DECREASED BUN : osis. and starvation. e. creased urea synthesis. (urea rather than creatinine diffi- monemias (urea is virtually absorb inappropiate antidiuretic harm 10:1) WITH INCREASED CREATININ py (accelerates conversion of c eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). Tapy (interferes with creatinine JLAR FILTERATION RATE: DESCRIPTION	VE LEVELS: more than creatinine) (e.g. e. fuses out of extracellular fluser sent in blood). mone) due to tubular secret INE: treatine to creatinine). Increase in creatinine with of measurement).	uid). ion of urea. ertain methodolo	ogies,resulting in norma	al ratio when dehydrat
NCREASED RATIO (>2 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 (< 8. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin their ESTIMATED GLOMERI CKD STAGE G1	20:1) WITH ELEVATED CREATININA a (BUN rises disproportionately superimposed on renal disease 10:1) WITH DECREASED BUN : osis. osis. nd starvation. e. creased urea synthesis. (urea rather than creatinine diff monemias (urea is virtually absolf inappropiate antidiuretic harmonemias (urea is virtually absolf inappropiate antidinetharmonemias (urea is virtually absolf inappr	VE LEVELS: more than creatinine) (e.g. ifuses out of extracellular flisent in blood). mone) due to tubular secret INE: treatine to creatinine). increase in creatinine with of measurement). GFR (mL/min/1 veton	uid). ion of urea. ertain methodolo .73m2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria	al ratio when dehydrat
NCREASED RATIO (>2 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 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin thera ESTIMATED GLOMERI CKD STAGE	20:1) WITH ELEVATED CREATININA a (BUN rises disproportionately superimposed on renal disease 10:1) WITH DECREASED BUN : osis. osis. nd starvation. e. creased urea synthesis. (urea rather than creatinine diff monemias (urea is virtually absolf inappropiate antidiuretic harmonemias (urea is virtually absolf inappropiate antidinetharmonemias (urea is virtually absolf inappr	VE LEVELS: more than creatinine) (e.g. fuses out of extracellular flisent in blood). mone) due to tubular secret INE: treatine to creatinine). increase in creatinine with of measurement). GFR (mL/min/1 vith >90	uid). ion of urea. ertain methodolo .73m2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydrat
NCREASED RATIO (>2 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 (< 8. Phenacimide thera 2. Rhabdomyolysis (r 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin their 5. STIMATED GLOMERI CKD STAGE G1	20:1) WITH ELEVATED CREATININ a (BUN rises disproportionately superimposed on renal disease 10:1) WITH DECREASED BUN : osis. ad starvation. e. creased urea synthesis. (urea rather than creatinine diff monemias (urea is virtually absorb inappropiate antidiuretic harm 10:1) WITH INCREASED CREATININ py (accelerates conversion of c eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). Tapy (interferes with creatinine JLAR FILTERATION RATE: 	VE LEVELS: more than creatinine) (e.g. fuses out of extracellular flisent in blood). mone) due to tubular secret INE: reatine to creatinine). increase in creatinine with of measurement). GFR (mL/min/1 SFR	uid). ion of urea. ertain methodolo .73m2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria	al ratio when dehydrat
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INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet and 3. Severe liver diseas 4. Other causes of dec 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 there ESTIMATED GLOMERI CKD STAGE G1 G2 G3a	20:1) WITH ELEVATED CREATININA a (BUN rises disproportionately superimposed on renal disease IO:1) WITH DECREASED BUN : osis. osis. nd starvation. e. creased urea synthesis. (urea rather than creatinine diff monemias (urea is virtually absolf inappropiate antidiuretic harron py (accelerates conversion of cleeases muscle creatinine). who develop renal failure. :: sis (acetoacetate causes false i creased BUN/creatinine ratio). ayy (interferes with creatinine JLAR FILTERATION RATE: DESCRIPTION Normal kidney fun Kidney damage w normal or high G	VE LEVELS: more than creatinine) (e.g. fuses out of extracellular flisent in blood). mone) due to tubular secret INE: reatine to creatinine). Increase in creatinine with of measurement). GFR (mL/min/1 iction >90 vith >90 GFR 60 - 89 in GFR 30-59	uid). ion of urea. ertain methodolo .73m2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydrat





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







	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant	biology) MI	m Chopra D (Pathology) ht Pathologist
NAME	: Mr. NIKHIL		
AGE/ GENDER	: 25 YRS/MALE	PATIENT ID	: 1657847
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012410310017
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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 FR category reported as per KDIGO guideline 2012

eGFR with Cystatin C for confirmation of CKD

4. eGFR category G1 OR G2 does not fullfill 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.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







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

NAME	: Mr. NIKHIL		
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Test Name	Value	e Unit	Biological Reference interval

Dr. Vinay Chopra

MD (Pathology & Microbiology) Chairman & Consultant Pathologist

IRON PROFILE		
66.7	µg/dL	59.0 - 158.0
203.12	µg/dL	150.0 - 336.0
269.82	µg/dL	230 - 430
24.72	%	15.0 - 50.0
191.57 ^L	mg/dL	200.0 - 350.0
	66.7 203.12 269.82 24.72	66.7 μg/dL 203.12 μg/dL 269.82 μg/dL 24.72 %

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

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





	MD	. Vinay Chopra (Pathology & Microbiology) irman & Consultant Pathologi	M	u m Chopra D (Pathology) Int Pathologist
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Test Name		Value	Unit	Biological Reference interval
		ENDO	CRINOLOGY	
		THYROID FUN	CTION TEST: TOTAL	L
TRIIODOTHYRONI	(-)	0.685 CLE IMMUNOASSAY)	ng/mI	0.35 - 1.93
THYROXINE (T4): S by CMIA (CHEMILUMIN		7.45 CLE IMMUNOASSAY)	μgm/c	L 4.87 - 12.60
THYROID STIMULA			μIU/m	L 0.35 - 5.50
3rd GENERATION, ULT		ULE IIVIIVIUNUASSAY)		
INTERPRETATION:				
day has influence on the	<i>measured serum TSH co</i> lure at any level of regu	<i>ncentrations</i> . TSH stimulates the p Ilation of the hypothalamic-pituita	roduction and secretion of the	<i>Dpm. The variation is of the order of 50%.Hence time of th</i> metabolically active hormones, thyroxine (T4)and ther underproduction (hypothyroidism) or
CLINICAL CONDITION		T3	T4	TSH
Primary Hypothyroidis	m:	Reduced	Reduced	Increased (Significantly)
Subclinical Hypothyroi	dism:	Normal or Low Normal	Normal or Low Normal	High

111	ΛΙΤΑ	TION	15

Primary Hyperthyroidism:

Subclinical Hyperthyroidism:

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

Increased

Normal or High Normal

Reduced (at times undetectable)

Reduced

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

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

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

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

Increased

Normal or High Normal





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









	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologi		(Pathology)
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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	
	RECON	IMENDATIONS 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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD	: Vinay Chopra (Pathology & Microbiolog iirman & Consultant Patho		Dr. Yugan MD CEO & Consultant	(Pathology)
VAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. NIKHIL : 25 YRS/MALE : SURJESH : : 01519856 : KOS DIAGNOSTI : 6349/1, NICHO	IC LAB LSON ROAD, AMBALA CAI Value	REGIST COLLEC REPORT	F ID ./LAB NO. RATION DATE FION DATE TNG DATE Unit	: 1657847 : 012410310017 : 31/Oct/2024 10:21 AM : 31/Oct/2024 10:28AM : 31/Oct/2024 11:33AM Biological Reference interval
			VITAMINS		
		VITAMIN D/25			3
VITAMIN D (25-HY by CLIA (CHEMILUMIN NTERPRETATION:	DROXY VITAMIN I ESCENCE IMMUNOASS	D3): SERUM 14.3^L		ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
	CIENT:	< 20		n	j/mL
	FICIENT:	21 - 29			j/mL
	ED RANGE: ICATION:	<u> </u>			j/mL j/mL
conversion of 7- dihy 2.25-OHVitamin D r issue and tightly bo 3. Vitamin D plays a p ohosphate reabsorpt 4. Severe deficiency r DECREASED: 1. Lack of sunshine ey 2. Inadeguate intake, 3. Depressed Hepatic 4. Secondary to advar 5. Osteoporosis and S	vdrocholecalciferol t represents the main und by a transport p primary role in the n tion, skeletal calciur may lead to failure t (posure. malabsorption (cel Vitamin D 25- hydro nced Liver disease Secondary Hyperpar	o Vitamin D3 in the skin u body resevoir and transpo protein while in circulation naintenance of calcium ho n deposition, calcium mot o mineralize newly formed iac disease) pxylase activity athroidism (Mild to Mode drugs like phenytoin, pher	ipon Ultraviol ort form of Vit n. omeostatis. It oilization, mai d osteoid in b osteoid in b	et exposure. amin D and trans promotes calciur nly regulated by r one, resulting in r y) carbamazepine,	lecalciferol (from animals, Vitamin D3), or by port form of Vitamin D, being stored in adipose in absorption, renal calcium absorption and parathyroid harmone (PTH). lickets in children and osteomalacia in adults. that increases Vitamin D metabolism. of Vitamin D. When it occurs, it can result in

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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BARCODE NO.	: 01519856		COLLECTION DATE	: 31/Oct/2024 10:28AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 31/Oct/2024 11:37AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANT'I		
Test Name		Value	Unit	Biological Reference interval
		VITAMIN B	12/COBALAMIN	
VITAMIN B12/COE		109 ^L	pg/mL	190.0 - 890.0
	IESCENT MICROPARTICLE IMMUNOA	ISSAY)		
INTERPRETATION:-	SED VITAMIN B12		DECREASED VITAMIN	1012
1.Ingestion of Vitan		1.Pregn		
2.Ingestion of Estro			GS:Aspirin, Anti-convulsants	Colchicine
3.Ingestion of Vitan	nin A		ol Igestion	
4.Hepatocellular in			raceptive Harmones	
5.Myeloproliferativ	e disorder		nodialysis	
6.Uremia	amin) is necessary for hematop		iple Myeloma	
2.In humans, it is ob 3.The body uses its v excreted. 4.Vitamin B12 deficié	tained only from animal protein itamin B12 stores very economi ency may be due to lack of IF sec l intestinal diseases). ency frequently causes macrocy	s and requires in cally, reabsorbing cretion by gastric tic anemia, glossi navioral changes.	trinsic factor (IF) for absorp vitamin B12 from the ileun mucosa (eg, gastrectomy, g tis, peripheral neuropathy,	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





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









	Dr. Vinay Ch MD (Pathology & Chairman & Cor	k Microbiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. NIKHIL			
AGE/ GENDER	: 25 YRS/MALE	PATIEN	T ID	: 1657847
COLLECTED BY	: SURJESH	REG. NO)./LAB NO.	: 012410310017
REFERRED BY	:		RATION DATE	: 31/Oct/2024 10:21 AM
BARCODE NO.	: 01519856 : KOS DIAGNOSTIC LAB		TION DATE	: 31/Oct/2024 10:28AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD,		FING DATE	: 31/Oct/2024 10:53AM
CLIENT ADDRESS	. 0545/ I, MCHOLSON ROAD,	AWDALA CAN'I I		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATH	OLOCA	
	URINE RO	OUTINE & MICROSCO		ATION
PHYSICAL EXAMIN				
QUANTITY RECIEV	ED	10	ml	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
	TANCE SPECTROPHOTOMETRY	CLEAD		
TRANSPARANCY by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
CHEMICAL EXAMI				
REACTION		ACIDIC		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
SUGAR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH		5.5		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC NITRITE	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.			
UROBILINOGEN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	NEGATIVE (-VE)		
MICROSCOPIC EXA			/1100	
RED BLOOD CELLS	(RBCs)	NEGATIVE (-ve)	/HPF	0 - 3



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







MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Dr. Vinay Chopra



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

NAME	: Mr. NIKHIL			
AGE/ GENDER	: 25 YRS/MALE	PATIENT 1	D	: 1657847
COLLECTED BY	: SURJESH	REG. NO./	LAB NO.	: 012410310017
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CENTRIFUGED URINARY SEDIMENT	Value	Unit	Biological Reference interval
by MICROSCOPY ON O PUS CELLS	CENTRIFUGED URINARY SEDIMENT	Value 2-3	Unit /HPF	Biological Reference interval 0 - 5
by MICROSCOPY ON (PUS CELLS by MICROSCOPY ON (EPITHELIAL CELL:	CENTRIFUGED URINARY SEDIMENT			

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 NEGATIVE (-ve) OTHERS NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA) ABSENT ABSENT by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

** End Of Report ***



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

