

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultan	obiology)		(Pathology)	
NAME : Mr. SA	TISH KUMAR CHOPRA				
AGE/ GENDER : 57 YRS	/MALE		PATIENT ID	: 1754101	1
COLLECTED BY :			REG. NO./LAB NO.	:012502	2120041
REFERRED BY :			REGISTRATION DATE		2025 11:28 AM
BARCODE NO. : 015253			COLLECTION DATE		2025 11:43AM
	AGNOSTIC LAB I, NICHOLSON ROAD, AMBA		REPORTING DATE	:12/Feb/	2025 12:12PM
CLIENT ADDRESS . 03497	I, MICHOLSON KOAD, AMDA	ALA CANTI			
Test Name		Value	Unit		Biological Reference interval
	SWASTI	HYA WE	LLNESS PANEL: 1.5	5	
	COMP	LETE BL	OOD COUNT (CBC)		
RED BLOOD CELLS (RBCS)					
HAEMOGLOBIN (HB)		14.6	gm/dL		12.0 - 16.0
by CALORIMETRIC RED BLOOD CELL (RBC) COU	INT	5.07 ^H	Millions/	'cmm	3.50 - 5.00
by HYDRO DYNAMIC FOCUSING, E	ELECTRICAL IMPEDENCE				
PACKED CELL VOLUME (PCV by CALCULATED BY AUTOMATED		43.7	%		37.0 - 50.0
MEAN CORPUSCULAR VOLUM	ME (MCV)	86.2	fL		80.0 - 100.0
MEAN CORPUSCULAR HAEM	IOGLOBIN (MCH)	28.8	pg		27.0 - 34.0
MEAN CORPUSCULAR HEMO by CALCULATED BY AUTOMATED	GLOBIN CONC. (MCHC)	33.4	g/dL		32.0 - 36.0
RED CELL DISTRIBUTION W by CALCULATED BY AUTOMATED	IDTH (RDW-CV)	13.8	%		11.00 - 16.00
RED CELL DISTRIBUTION W by CALCULATED BY AUTOMATED	IDTH (RDW-SD)	44.5	fL		35.0 - 56.0
MENTZERS INDEX	TILMATOLOGIT ANALIZLIK	17	RATIO		BETA THALASSEMIA TRAIT: <
by CALCULATED					13.0 IRON DEFICIENCY ANEMIA:
ODEEN & KING DUDDY		00.47	DATIO		>13.0
GREEN & KING INDEX by CALCULATED		23.47	RATIO		BETA THALASSEMIA TRAIT:<= 65.0
					IRON DEFICIENCY ANEMIA: >
WHITE BLOOD CELLS (WBG	CS)				65.0
TOTAL LEUCOCYTE COUNT (by FLOW CYTOMETRY BY SF CUE	(TLC)	5730	/cmm		4000 - 11000
NUCLEATED RED BLOOD CE	LLS (nRBCS)	NIL			0.00 - 20.00
NUCLEATED RED BLOOD CE by CALCULATED BY AUTOMATED	LLS (nRBCS) %	NIL	%		< 10 %





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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	65	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	24	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	6	%	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	3725	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1375	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	286	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	344	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	160000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.19	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	12 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by hydro dynamic focusing, electrical impedence	66000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	41.2	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	16.8	%	15.0 - 17.0



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Test Name		Value	Unit	Biological Reference interval
	GLY	COSYLATED HAEMOG	LOBIN (HBA1C)	
GLYCOSYLATED HAE WHOLE BLOOD	MOGLOBIN (HbA1c):	5.2	%	4.0 - 6.4
ESTIMATED AVERAG		102.54	mg/dL	60.00 - 140.00
		BETES ASSOCIATION (ADA):		
RE	FERENCE GROUP		MOGLOGIB (HBAIC) in	%
	etic Adults >= 18 years	· · · · · · · · · · · · · · · · · · ·	<5.7	
	Risk (Prediabetes)	5	.7 – 6.4	
Dia	gnosing Diabetes		>= 6.5	
			> 19 Years	
		Goals of Therapy:	< 7.0	
Therapeutic	goals for glycemic control	Actions Suggested:	>8.0	
			< 19 Years	
i i i i i i i i i i i i i i i i i i i		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. 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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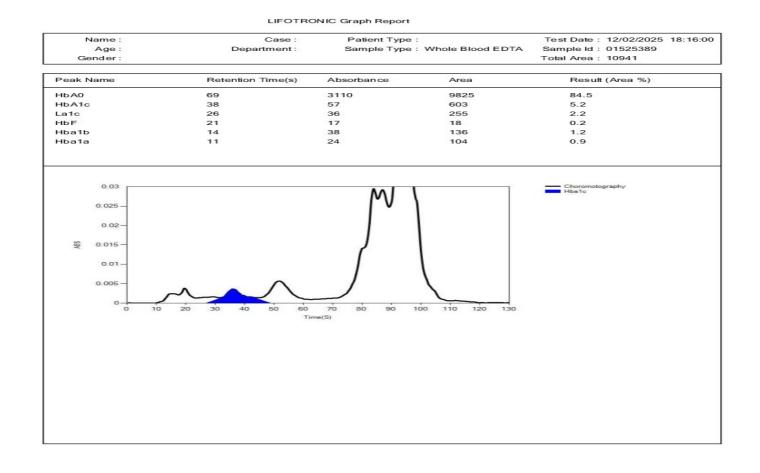
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Test Name		Value Unit	Biological Reference interval





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LIENT ADDRESS	: 6349/1, NICHO	LSON ROAD, AN	IBALA CANTT		
Cest Name			Value	Unit	Biological Reference interval
CONDITION WITH LON		hat inhibit the n e blood cell cour	ormal sedimen	tation of rod blood colls a	





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Test Name		Value	Unit	Biological Reference interval
	CL	INICAL CHEMIS	TRY/BIOCHEMIST	'RY
		GLUCOSE	FASTING (F)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

 A fasting plasma glucose level below 100 mg/dl is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.

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





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CEO & Consultant Pathologist

MD (Pathology)

Dr. Vinay Chopra

MD (Pathology & Microbiology)

Chairman & Consultant Pathologist

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTI	ſ	
				/
Test Name		Value	Unit	Biological Reference interval
		LIPID PR	OFILE : BASIC	
CHOLESTEROL TO		181.48		OPTIMAL: < 200.0
by CHOLESTEROL OX		101.40	mg/dL	BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S	ERUM	130.78	mg/dL	OPTIMAL: < 150.0
	PHATE OXIDASE (ENZYMATIC)	100110		BORDERLINE HIGH: 150.0 -
				199.0
				HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
	L (DIRECT): SERUM	51.41	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBIT	TON			BORDERLINE HIGH HDL: 30.0 -
				60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERO	L: SERUM	103.91	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPE	ECTROPHOTOMETRY		Ű	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		130.07 ^H	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0
<i>by</i> 0/12002/1120, 0/ 2				BORDERLINE HIGH: 160.0 -
				189.0
				HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER	OL: SERUM	26.16	mg/dL	0.00 - 45.00
by CALCULATED, SPE	ECTROPHOTOMETRY			
TOTAL LIPIDS: SER by CALCULATED, SPE		493.74	mg/dL	350.00 - 700.00
CHOLESTEROL/HE		3.53	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPE				$\Delta VFR \Delta CF RISK \cdot 4.50 - 7.0$

LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0



by CALCULATED, SPECTROPHOTOMETRY

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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.02	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		2.54 ^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.

3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available

to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues. 4. NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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Test Name	Value	Unit	Biological Reference interval
LIVER	FUNCTION TE	ST (COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.66	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.15	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.51	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	16.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	18.2	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	0.92	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	88.67	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	18.78	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.93	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.22	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.71	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by calculated, spectrophotometry	1.56	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:

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)





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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).

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



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	KIDNI	EY FUNCTIO)N TEST (COMPLETE)	
UREA: SERUM		32.39	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)	1.05		0.40 1.40
CREATININE: SERU by ENZYMATIC, SPECT		1.25	mg/dL	0.40 - 1.40
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY		15.14	mg/dL	7.0 - 25.0
	OGEN (BUN)/CREATININE	12.11	RATIO	10.0 - 20.0
by CALCULATED, SPEC		05.01	DATE	
UREA/CREATININE by CALCULATED, SPEC		25.91	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE		5.37	mg/dL	3.60 - 7.70
CALCIUM: SERUM		9.03	mg/dL	8.50 - 10.60
by ARSENAZO III, SPEC PHOSPHOROUS: SEI by PHOSPHOMOLYBDA		3.02	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM by ISE (ION SELECTIVE	ELECTRODE)	142.6	mmol/L	135.0 - 150.0
POTASSIUM: SERUN by ISE (ION SELECTIVE		4.66	mmol/L	3.50 - 5.00
CHLORIDE: SERUM		106.95	mmol/L	90.0 - 110.0
	ERULAR FILTERATION RATE			
(eGFR): SERUM by CALCULATED	ERULAR FILTERATION RATE	67.2		
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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	MD (Patho	a y Chopra ology & Microbiology) & Consultant Patholog		'ugam Chopr MD (Patholog sultant Pathologi	y)		
IAME	: Mr. SATISH KUMAR (CHOPRA					
AGE/ GENDER	: 57 YRS/MALE		PATIENT ID	: 1754	101		
COLLECTED BY			REG. NO./LAB NO.		02120041		
	:						
REFERRED BY	:		REGISTRATION D		eb/2025 11:2		
BARCODE NO.	: 01525389		COLLECTION DAT	E :12/F€	eb/2025 11:4	ISAM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATI	: 12/Fe	eb/2025 12:4	6PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON I	ROAD, AMBALA CANT	Т				
Test Name		Value	Un	it	Biologica	l Reference in	terval
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia 	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di	ids) A TININE LEVELS: ately more than creat sease.	inine) (e.g. obstructive	uropathy).			
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. Pregnancy. PCEREASED RATIO (Rhabdomyolysis (r Muscular patients MAPPROPIATE RATIO Diabetic ketoacido Should produce an in Cephalosporin ther 	(e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 0:1) WITH DECREASED BU osis. ad starvation. b. creased urea synthesis. urea rather than creatinin monemias (urea is virtual of inappropiate antidiureti 10:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure sis (acetoacetate causes f creased BUN/creatinine ra apy (interferes with creat JLAR FILTERATION RATE :	ids) ATININE LEVELS: ately more than creat sease. N : he diffuses out of extr ly absent in blood). c harmone) due to tul EATININE: n of creatine to creati b). Sease increase in creat atio). inine measurement).	acellular fluid). oular secretion of urea nine). inine with certain met	hodologies,resul	-	al ratio when de	ehydrati
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Diherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE	(e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 10:1) WITH DECREASED BU osis. ad starvation. b. creased urea synthesis. urea rather than creatinine monemias (urea is virtual of inappropiate antidiureti 10:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure sis (acetoacetate causes f creased BUN/creatinine ra apy (interferes with creat JLAR FILTERATION RATE: DESCRIP	ids) ATININE LEVELS: ately more than creat sease. N : he diffuses out of extr ly absent in blood). c harmone) due to tul EATININE: n of creatine to creati b). alse increase in creat atio). inine measurement). TION GFR	acellular fluid). oular secretion of urea nine). inine with certain met	hodologies,resul	FINDINGS	al ratio when de	ehydrati
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia Prerenal azotemia CECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. Pregnancy. PCEREASED RATIO (Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido Should produce an in Cephalosporin ther 	(e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 10:1) WITH DECREASED BU osis. ad starvation. b. creased urea synthesis. urea rather than creatinin monemias (urea is virtual of inappropiate antidiureti 10:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure sis (acetoacetate causes f creased BUN/creatinine ra apy (interferes with creat JLAR FILTERATION RATE: <u>DESCRIP</u> Normal kidne	ids) ATININE LEVELS: ately more than creat sease. N : The diffuses out of extr ly absent in blood). c harmone) due to tul CATININE: n of creatine to creati alse increase in creati	acellular fluid). oular secretion of urea nine). inine with certain met	hodologies,resul ASSOCIATED No prote Presence of	FINDINGS inuria Protein ,	al ratio when de	ehydrati
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Diherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1	(e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 10:1) WITH DECREASED BU osis. ad starvation. b. creased urea synthesis. urea rather than creatinin monemias (urea is virtual of inappropiate antidiureti 10:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure ti sis (acetoacetate causes f creased BUN/creatinine ration apy (interferes with creat JLAR FILTERATION RATE: <u>DESCRIP</u> Normal kidne	ids) ATININE LEVELS: ately more than creat sease. N : The diffuses out of extr ly absent in blood). c harmone) due to tul CATININE: n of creatine to creati alse increase in creati alse increase in creati alse increase in creati the measurement). TION GFR age with high GFR	acellular fluid). bular secretion of urea nine). inine with certain met (mL/min/1.73m2) >90	hodologies,resul ASSOCIATED No prote	FINDINGS inuria Protein ,	al ratio when de	ehydrati
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido Should produce an in Cephalosporin ther ESTIMATED GLOMERI G1 G2 	(e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 10:1) WITH DECREASED BU osis. ad starvation. b. creased urea synthesis. urea rather than creatinin monemias (urea is virtual of inappropiate antidiureti 10:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure ti sis (acetoacetate causes f creased BUN/creatinine ra apy (interferes with creat JLAR FILTERATION RATE: <u>DESCRIP</u> Normal kidne Kidney dam normal or h	ids) ATININE LEVELS: ately more than creat sease. N : The diffuses out of extr ly absent in blood). c harmone) due to tul EATININE: n of creatine to creati alse increase in creati alse increase in creati atio). inine measurement). TION GFR age with high GFR se in GFR	acellular fluid). bular secretion of urea nine). inine with certain met (mL/min/1.73m2) >90 >90	hodologies,resul ASSOCIATED No prote Presence of	FINDINGS inuria Protein ,	al ratio when de	ehydrati
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Loiabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERL G1 G2 G3a	(e.g. ureter colostomy) ass (subnormal creatinine tetracycline, glucocortico 0:1) WITH ELEVATED CREA (BUN rises disproportion superimposed on renal di 10:1) WITH DECREASED BU osis. ad starvation. b. creased urea synthesis. urea rather than creatinin monemias (urea is virtual of inappropiate antidiureti 10:1) WITH INCREASED CRE py (accelerates conversion eleases muscle creatinine who develop renal failure ti sis (acetoacetate causes f creased BUN/creatinine ra apy (interferes with creat JLAR FILTERATION RATE: DESCRIP Normal kidne Kidney dam normal or h Mild decreat	ids) ATININE LEVELS: ately more than creat sease. N : The diffuses out of extr ly absent in blood). c harmone) due to tul EATININE: n of creatine to creati alse increase in creati alse increase in creati atio). inine measurement). TION GFR by function age with high GFR se in GFR rease in GFR	acellular fluid). bular secretion of urea nine). inine with certain met (<u>mL/min/1.73m2) >90 >90 60 -89</u>	hodologies,resul ASSOCIATED No prote Presence of	FINDINGS inuria Protein ,	al ratio when de	ehydrati





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	Dr. Vinay Chopra MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Mr. SATISH KUMAR CHOPRA		
AGE/ GENDER	: 57 YRS/MALE	PATIENT ID	: 1754101
COLLECTED BY	:	REG. NO./LAB NO.	: 012502120041
REFERRED BY	:	REGISTRATION DATE	: 12/Feb/2025 11:28 AM
BARCODE NO.	: 01525389	COLLECTION DATE	: 12/Feb/2025 11:43AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 12/Feb/2025 12:46PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	ANTT	
Test Name	Value	e 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 Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. SATISH KUMAR CHOPRA AGE/ GENDER : 57 YRS/MALE **PATIENT ID** :1754101 **COLLECTED BY** :012502120041 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 12/Feb/2025 11:28 AM **BARCODE NO.** :01525389 **COLLECTION DATE** :12/Feb/202511:43AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :12/Feb/202512:46PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit **Biological Reference interval** Test Name **IRON PROFILE IRON: SERUM** 68.12 µg/dL 59.0 - 158.0 by FERROZINE, SPECTROPHOTOMETRY UNSATURATED IRON BINDING CAPACITY (UIBC) 294.18 µg/dL 150.0 - 336.0 :SERUM

VARIABLES	ANEMIA OF CHRONIC DISEASE IRON	DEFICIENCY ANEMIA	HALASSEMIA α/β TRAIT
INTERPRETATION:-			
TRANSFERRIN: SERUM by SPECTROPHOTOMETERY (FERENE)	257.23	mg/dL	200.0 - 350.0
%TRANSFERRIN SATURATION: SE by CALCULATED, SPECTROPHOTOMETER		%	15.0 - 50.0
TOTAL IRON BINDING CAPACITY (:SERUM by spectrophotometery		µg/dL	230 - 430
by FERROZINE, SPECTROPHOTOMETERY			

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):
 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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FEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





Chairman & Consultar	robiology) nt Pathologis		(Pathology) Pathologist	
: Mr. SATISH KUMAR CHOPRA				
: 57 YRS/MALE		PATIENT ID	: 1754101	
:		REG. NO./LAB NO.	: 012502120041	
:		REGISTRATION DATE	: 12/Feb/2025 11:28 AM	
: 01525389		COLLECTION DATE	: 12/Feb/2025 11:43AM	
: KOS DIAGNOSTIC LAB		REPORTING DATE	: 12/Feb/2025 12:32PM	
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT				
	Value	Unit	Biological Reference interval	
	ENDOC	RINOLOGY		
THYRO	DID FUNC	CTION TEST: TOTAL		
	1.13	ng/mL	0.35 - 1.93	
	6.26	µgm/dL	4.87 - 12.60	
SCENT MICROPARTICLE IMMUNOASSAY)	2.516	µlU/mL	0.35 - 5.50	
	: Mr. SATISH KUMAR CHOPRA : 57 YRS/MALE : : : 01525389 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB : 7449/1, N	: Mr. SATISH KUMAR CHOPRA : 57 YRS/MALE : : 01525389 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value ENDOC THYROID FUNC E (T3): SERUM C (T3): S	: Mr. SATISH KUMAR CHOPRA : 57 YRS/MALE PATIENT ID : REG. NO./LAB NO. : REGISTRATION DATE : 01525389 COLLECTION DATE : KOS DIAGNOSTIC LAB REPORTING DATE : 6349/1, NICHOLSON ROAD, AMBALA CANTT : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit ENDOCENTION DESCRIPTION DESCRIPTION TEST: TOTAL C(T3): SERUM 1.13 ng/mL SCENT MICROPARTICLE IMMUNOASSAY) RUM 6.26 µgm/dL SCENT MICROPARTICLE IMMUNOASSAY) ING HORMONE (TSH): SERUM 2.516 µIU/mL	

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:-

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 (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)		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





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	Dr. Vinay Chopra MD (Pathology & Microbiolo Chairman & Consultant Path	C, /	(Pathology)
NAME	: Mr. SATISH KUMAR CHOPRA		
AGE/ GENDER	: 57 YRS/MALE	PATIENT ID	: 1754101
COLLECTED BY	:	REG. NO./LAB NO.	: 012502120041
REFERRED BY	:	REGISTRATION DATE	: 12/Feb/2025 11:28 AM
BARCODE NO.	: 01525389	COLLECTION DATE	: 12/Feb/2025 11:43AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 12/Feb/2025 12:32PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA C	CANTT	

Test Name			Value Unit		t	Biological Reference interva	
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 LE	VELS 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





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





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD (Pa	inay Chopra athology & Microbiology) nan & Consultant Pathologis		(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. SATISH KUMA : 57 YRS/MALE : : : 01525389 : KOS DIAGNOSTIC L : 6349/1, NICHOLSO		PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1754101 : 012502120041 : 12/Feb/2025 11:28 AM : 12/Feb/2025 11:43AM : 12/Feb/2025 01:39PM
Fest Name		Value	Unit	Biological Reference interval
	DROXY VITAMIN D3) ESCENCE IMMUNOASSAY		ng/mL	DEFICIENCY: < 20.0
				INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
	CIENT:	< 20	n	SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
DEFIC	Cient:	< 20 21 - 29		SUFFICIENCY: 30.0 - 100.0
INSUFF PREFFERE INTOXI	ICIENT: ID RANGE: CATION:	21 - 29 30 - 100 > 100	n n n	SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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Page 17 of 20





	Dr. Vinay Ch MD (Pathology & Chairman & Cor		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. SATISH KUMAR CHOPI	RA		
AGE/ GENDER	: 57 YRS/MALE	РА	TIENT ID	: 1754101
COLLECTED BY			G. NO./LAB NO.	: 012502120041
	:			
REFERRED BY	:		GISTRATION DATE	: 12/Feb/2025 11:28 AM
BARCODE NO.	: 01525389	CO	LLECTION DATE	: 12/Feb/2025 11:43AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 12/Feb/2025 12:38PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	ALAMIN: SERUM	VITAMIN B12/ 169 ^L	pg/mL	190.0 - 890.0
INTERPRETATION:-				
INCREAS 1.Ingestion of Vitan	SED VITAMIN B12	1.Pregnancy	DECREASED VITAMIN	N B12
		T.FTeynancy		
	nen	2 DRUGS AS	pirin Anti-convulsants	Colchicine
2.Ingestion of Estro			pirin, Anti-convulsants estion	, Colchicine
	hin A	3.Ethanol Ig 4. Contrace	estion otive Harmones	, Colchicine
2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in 5.Myeloproliferativ	nin A jury	3.Ethanol Ig 4. Contrace 5.Haemodia	estion otive Harmones	, Colchicine
2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in 5.Myeloproliferativ 6.Uremia 1.Vitamin B12 (cobal	nin A jury	3.Ethanol Ig 4. Contrace 5.Haemodia 6. Multiple oiesis and normal neu	estion otive Harmones Ilysis Myeloma Ironal function.	

677 77. NA



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

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Dr. Yugam Chopra

MD (Pathology & Micro Chairman & Consultant		MD (Pathology) CEO & Consultant Pathologist		
: Mr. SATISH KUMAR CHOPRA				
: 57 YRS/MALE	PATIENT ID	: 1754101		
:	REG. NO./LAB NO.	:0125021		
:	REGISTRATION DATE	:12/Feb/20		
: 01525389	COLLECTION DATE	:12/Feb/20		
: KOS DIAGNOSTIC LAB	REPORTING DATE	:12/Feb/20		
: 6349/1, NICHOLSON ROAD, AMBA	LA CANTT			

120041 2025 11:28 AM 025 11:43AM 025 11:51AM

Test Name	Value	Unit	Biological Reference interval

Dr. Vinay Chopra

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION			
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	10	ml	
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	AMBER YELLOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030
CHEMICAL EXAMINATION			
REACTION by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	6.5		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXAMINATION			
RED BLOOD CELLS (RBCs)	NEGATIVE (-ve)	/HPF	0 - 3



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

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

NAME

AGE/ GENDER

COLLECTED BY

REFERRED BY

BARCODE NO.

CLIENT CODE.

CLIENT ADDRESS

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NANCE





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

CATICU VUMAD CHODDA

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

NAME	: Mr. SATISH KUMAR CHOPRA	1			
AGE/ GENDER	: 57 YRS/MALE		PATIENT ID	: 1754101	
COLLECTED BY	:		REG. NO./LAB NO.	: 012502120041	
REFERRED BY	:		REGISTRATION DATE	: 12/Feb/2025 11:28 AM	
BARCODE NO.	: 01525389		COLLECTION DATE	: 12/Feb/2025 11:43AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 12/Feb/2025 11:51AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANT	Т		
Test Name		Value	Unit	Biological Reference interval	
by MICROSCOPY ON	CENTRIFUGED URINARY SEDIMENT				
PUS CELLS		1-3	/HPF	0 - 5	
by MICROSCORV ON					

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
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) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

** End Of Report ***



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