



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)	Dr. Yugam MD (CEO & Consultant P	Pathology)
NAME	: Mr. TALWINDER SINGH			
AGE/ GENDER	: 44 YRS/MALE	Р	ATIENT ID	: 1784559
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012503090011
REFERRED BY	:		EGISTRATION DATE	: 09/Mar/2025 08:29 AM
BARCODE NO.	: 01526770		OLLECTION DATE	: 09/Mar/2025 08:30AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB/		EPORTING DATE	: 09/Mar/2025 09:21AM
Test Name		Value	Unit	Biological Reference interval
	SWASTI	HYA WELI	LNESS PANEL: 1.0	
	COMP	LETE BLO	OD COUNT (CBC)	
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
IAEMOGLOBIN (HB by Calorimetric)	12.7	gm/dL	12.0 - 17.0
RED BLOOD CELL (R		4.85	Millions/o	2mm 3.50 - 5.00
by HYDRO DYNAMIC FO PACKED CELL VOLU	CUSING, ELECTRICAL IMPEDENCE ME (PCV)	39.8 ^L	%	40.0 - 54.0
by CALCULATED BY AU	TOMATED HEMATOLOGY ANALYZER			
IEAN CORPUSCULA by calculated by au	R VOLUME (MCV) TOMATED HEMATOLOGY ANALYZER	82.1	fL	80.0 - 100.0
	R HAEMOGLOBIN (MCH)	26.1 ^L	pg	27.0 - 34.0
MEAN CORPUSCULA	R HEMOGLOBIN CONC. (MCHC) TOMATED HEMATOLOGY ANALYZER	31.8 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBU	TION WIDTH (RDW-CV)	14	%	11.00 - 16.00
RED CELL DISTRIBU	TION WIDTH (RDW-SD)	43.3	fL	35.0 - 56.0
MENTZERS INDEX		16.93	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDI by calculated WHITE BLOOD CEL		23.62	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
OTAL LEUCOCYTE		6380	/cmm	4000 - 11000
by FLOW CYTOMETRY	BY SF CUBE & MICROSCOPY			
	OOD CELLS (nRBCS) THEMATOLOGY ANALYZER	NIL		0.00 - 20.00
JUCLEATED RED BL	OOD CELLS (nRBCS) %	NIL	%	< 10 %

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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: 44 YRS/MALE

NAME

AGE/ GENDER



Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist MD (Pathology) **CEO & Consultant Pathologist** : Mr. TALWINDER SINGH **PATIENT ID**

:1784559

CLIENT CODE.	: : : 01526770 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 012503090011 : 09/Mar/2025 08:29 AM : 09/Mar/2025 08:30AM : 09/Mar/2025 09:21AM
Test Name		Value	Unit	Biological Reference interval
DIFFERENTIAL LEU	COCYTE COUNT (DLC)			
NEUTROPHILS	BY SF CUBE & MICROSCOPY	70 ^H	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY E	BY SF CUBE & MICROSCOPY	20 ^L	%	20 - 40
EOSINOPHILS	BY SF CUBE & MICROSCOPY	4	%	1 - 6
MONOCYTES by FLOW CYTOMETRY E	BY SF CUBE & MICROSCOPY	6	%	2 - 12
BASOPHILS	BY SF CUBE & MICROSCOPY	0	%	0 - 1
IMMATURE GRANUL	OCTE (IG) % BY SF CUBE & MICROSCOPY	0	%	0 - 5.0
ABSOLUTE NEUTRO		4466	/cmm	2000 - 7500
ABSOLUTE LYMPHO	CYTE COUNT BY SF CUBE & MICROSCOPY	1276	/cmm	800 - 4900
ABSOLUTE EOSINOP by FLOW CYTOMETRY E	HIL COUNT BY SF CUBE & MICROSCOPY	255	/cmm	40 - 440
ABSOLUTE MONOCY by FLOW CYTOMETRY E	TE COUNT BY SF CUBE & MICROSCOPY	383	/cmm	80 - 880
ABSOLUTE BASOPHI		0	/cmm	0 - 110
ABSOLUTE IMMATU	RE GRANULOCYTE COUNT	0	/cmm	0.0 - 999.0
-	HER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (F	LT) CUSING, ELECTRICAL IMPEDENCE	147000 ¹	L /cmm	150000 - 450000
PLATELETCRIT (PCT by HYDRO DYNAMIC FO) CUSING, ELECTRICAL IMPEDENCE	0.23	%	0.10 - 0.36
MEAN PLATELET VO by HYDRO DYNAMIC FO	LUME (MPV) cusing, electrical impedence	16 ^H	fL	6.50 - 12.0

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

PLATELET LARGE CELL COUNT (P-LCC)



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98000^H

72.6^H

/cmm

%



30000 - 90000

11.0 - 45.0





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PLATELET DISTRI	BUTION WIDTH (PDW)	16.4	%	15.0 - 17.0

 PLATELET DISTRIBUTION WIDTH (PDW)

 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

 NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED



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fest Name		Value	Unit	Biological Reference interval
	ERYTHR	OCYTE SEDIM	ENTATION RATE (ESR)
	DIMENTATION RATE (ESR)	34 ^H	mm/1st	hr 0 - 20
	GATION BY CAPILLARY PHOTOMETRY	Ŷ		
nmune disease, but . An ESR can be affe	does not tell the health practition cted by other conditions besides i	ner exactly where t	the inflammation is in the	ion associated with infection, cancer and auto- body or what is causing it. pically used in conjunction with other test such
ESR is a non-specifi mune disease, but An ESR can be affe C-reactive protein This test may also stemic lupus eryth iNDITION WITH LO ow ESR can be see blycythaemia), sign sickle cells in sick DTE: ESR and C - reactive Generally, ESR doe CRP is not affected If the ESR is elevat Women tend to ha Drugs such as dexi	does not tell the health practitior acted by other conditions besides in be used to monitor disease activi- ematosus W ESR In with conditions that inhibit the hificantly high white blood cell colle cell anaemia) also lower the ES e protein (C-RP) are both markers es not change as rapidly as does CI by as many other factors as is ESF ed, it is typically a result of two ty we a higher ESR, and menstruation	ner exactly where the inflammation. For the inflammation is a constant of the inflammation is a constant of the inflammation is the strength of proteins, glue and pregnancy can be the strength of the inflammation is and pregnancy can be constructed as a constru	the inflammation is in the this reason, the ESR is ty therapy in both of the a tion of red blood cells, s , and some protein abno rart of inflammation or a: r marker of inflammatior obulins or fibrinogen. an cause temporary eleva	e body or what is causing it. pically used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (such s it resolves.





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		athology & Microbiology) aan & Consultant Pathologist	MD CEO & Consultant	(Pathology) Pathologist
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CLIENT ADDRESS	: 6349/1, NICHOLSO	N ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL CHEMISTR	Y/BIOCHEMIST	RY
		GLUCOSE FA	STING (F)	
	G (F): PLASMA	101.95^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

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

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





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		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. TALWINDER SINGH : 44 YRS/MALE : : : 01526770 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA	RI RI CO RI	ATIENT ID EG. NO./LAB NO. EGISTRATION DATE DILECTION DATE EPORTING DATE	: 1784559 : 012503090011 : 09/Mar/2025 08:29 AM : 09/Mar/2025 08:30AM : 09/Mar/2025 12:15PM
Test Name		Value	Unit	Biological Reference interval
		LIPID PROF	ILE : BASIC	
CHOLESTEROL TOT by CHOLESTEROL OX		93.99	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSP	ERUM phate oxidase (enzymatic)	233.31 ^H	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERO	L (DIRECT): SERUM ion	30.32	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		17.01	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLEST by CALCULATED, SPE		63.67	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER(by CALCULATED, SPE		46.66 ^H	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER by CALCULATED, SPE		421.29	mg/dL	350.00 - 700.00
CHOLESTEROL/HD by CALCULATED, SPE		3.1	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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	Dr. Vinay Ch MD (Pathology &		Dr. Yugam MD	(Pathology)
NAME		sultant Pathologist	CEO & Consultant	Pathologist
NAME AGE/ GENDER	: Mr. TALWINDER SINGH : 44 YRS/MALE	I	PATIENT ID	: 1784559
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Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		0.56	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	7.69 ^H	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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MD (Pathology)

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Biological Reference interval

Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mr. TALWINDER SINGH AGE/ GENDER : 44 YRS/MALE **PATIENT ID COLLECTED BY** REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : :01526770 **COLLECTION DATE** : KOS DIAGNOSTIC LAB **REPORTING DATE** : 6349/1, NICHOLSON ROAD, AMBALA CANTT **CLIENT ADDRESS** Value Unit

			ő
LIVER I	FUNCTION TEST (CO	MPLETE)	
BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	1.14	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.21	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.93	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	24	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	37	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by calculated, spectrophotometry	0.65	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by Para Nitrophenyl phosphatase by amino methyl propanol	121.18	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by szasz, spectrophtometry	24.06	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by biuret, spectrophotometry	6.64	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.17	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.47	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by Calculated, spectrophotometry	1.69	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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Test Name





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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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Test Name		Value	Unit	Biological Reference interv	
	KIDNE	Y FUNCTIO	N TEST (COMPLETE)		
UREA: SERUM		21.03	mg/dL	10.00 - 50.00	
	TE DEHYDROGENASE (GLDH)		-		
CREATININE: SERUN by ENZYMATIC, SPECTR		0.9	mg/dL	0.40 - 1.40	
BLOOD UREA NITROGEN (BUN): SERUM		9.83	mg/dL	7.0 - 25.0	
by CALCULATED, SPEC	TROPHOTOMETRY				
RATIO: SERUM	GEN (BUN)/CREATININE	10.92	RATIO	10.0 - 20.0	
by CALCULATED, SPEC UREA/CREATININE		23.37	RATIO		
by CALCULATED, SPEC		20.07	KATIO		
URIC ACID: SERUM		5.22	mg/dL	3.60 - 7.70	
by URICASE - OXIDASE CALCIUM: SERUM	PEROXIDASE	9.05	mg/dL	8.50 - 10.60	
by ARSENAZO III, SPECT	TROPHOTOMETRY	5.05	ilig/ uL	0.30 - 10.00	
PHOSPHOROUS: SER		3.05	mg/dL	2.30 - 4.70	
ELECTROLYTES	TE, SPECTROPHOTOMETRY				
SODIUM: SERUM		141.9	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIVE) POTASSIUM: SERUM		3.97	mmol/L	3.50 - 5.00	
by ISE (ION SELECTIVE				0.00 0.00	
CHLORIDE: SERUM		106.43	mmol/L	90.0 - 110.0	
	ELECTRODE)				
ESTIMATED GLOMEI (eGFR): SERUM by CALCULATED INTERPRETATION:	RULAR FILTERATION RATE	108			

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





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BARCODE NO.	: 01526770	COLLECTION DAT		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DAT	E : 09/Mar/2025	5 12:15PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value Un	it Biolo	ogical Reference interva
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	superimposed on renal disease.		e uropathy).	
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet an 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 CKD STAGE G1 G2	ass (subnormal creatinine product tetracycline, glucocorticoids) (0:1) WITH ELEVATED CREATININE L (BUN rises disproportionately mo superimposed on renal disease. (0:1) WITH DECREASED BUN : osis. nd starvation. e. creased urea synthesis. furea rather than creatinine diffusi monemias (urea is virtually absen of inappropiate antidiuretic harmon (0:1) WITH INCREASED CREATININE py (accelerates conversion of crea eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incr creased BUN/creatinine ratio). apy (interferes with creatine me JLAR FILTERATION RATE: DESCRIPTION Normal kidney function Kidney damage with normal or high GFR	EVELS: re than creatinine) (e.g. obstructive es out of extracellular fluid). t in blood). ne) due to tubular secretion of urea tine to creatinine). ease in creatinine with certain met asurement). GFR (mL/min/1.73m2) >90 >90	ì.	GS
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Severe liver diseas Other causes of de Severe liver diseas Other causes of de Severe liver diseas Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Cephalosporin there STIMATED GLOMERL G1 G2 G3a	ass (subnormal creatinine product tetracycline, glucocorticoids) i0:1) WITH ELEVATED CREATININE L a (BUN rises disproportionately mo superimposed on renal disease. i0:1) WITH DECREASED BUN : osis. and starvation. e. creased urea synthesis. furea rather than creatinine diffusi monemias (urea is virtually absen of inappropiate antidiuretic harmon 10:1) WITH INCREASED CREATININE py (accelerates conversion of crea eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incr creased BUN/creatinine ratio). apy (interferes with creatine me <u>JLAR FILTERATION RATE:</u> DESCRIPTION Normal kidney function Kidney damage with normal or high GFR Mild decrease in GFF	EVELS: re than creatinine) (e.g. obstructive es out of extracellular fluid). t in blood). ne) due to tubular secretion of urea tine to creatinine). ease in creatinine with certain met asurement). On >90 >90 60 - 89	hodologies,resulting in n ASSOCIATED FINDING No proteinuria Presence of Protein	GS
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet an 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 CKD STAGE G1 G2	ass (subnormal creatinine product tetracycline, glucocorticoids) (0:1) WITH ELEVATED CREATININE L (BUN rises disproportionately mo superimposed on renal disease. (0:1) WITH DECREASED BUN : osis. nd starvation. e. creased urea synthesis. furea rather than creatinine diffusi monemias (urea is virtually absen of inappropiate antidiuretic harmon (0:1) WITH INCREASED CREATININE py (accelerates conversion of crea eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false incr creased BUN/creatinine ratio). apy (interferes with creatine me JLAR FILTERATION RATE: DESCRIPTION Normal kidney function Kidney damage with normal or high GFR	EVELS: re than creatinine) (e.g. obstructive es out of extracellular fluid). t in blood). ne) due to tubular secretion of urea tine to creatinine). ease in creatinine with certain met asurement). GFR (mL/min/1.73m2) on >90 SFR 30-59	hodologies,resulting in n ASSOCIATED FINDING No proteinuria Presence of Protein	GS



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

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







CLIENT ADDRESS	.0343/1, INICHOLSON ROAD,	AWIDALA CANTI		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	TING DATE	:09/Mar/2025 12:15PM
BARCODE NO.	:01526770	COLLEG	CTION DATE	:09/Mar/202508:30AM
REFERRED BY	:	REGIST	RATION DATE	:09/Mar/202508:29AM
COLLECTED BY	:	REG. N	D./LAB NO.	: 012503090011
AGE/ GENDER	: 44 YRS/MALE	PATIEN	IT ID	: 1784559
NAME	: Mr. TALWINDER SINGH			
			CEO & Consultant	
	Dr. Vinay Ch MD (Pathology &		Dr. Yugam MD	ר Chopra (Pathology)

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 Che MD (Pathology & Chairman & Cons		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
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CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 09/Mar/2025 10:39AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
		CLINICAL PA	THOLOGY	
	URINE RO		SCOPIC EXAMINA	ATION
PHYSICAL EXAMINA				
QUANTITY RECIEVE		10	ml	
-	ANCE SPECTROPHOTOMETRY	AMDED VELL	ow	
COLOUR by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	AMBER YELL	UW	PALE YELLOW
	ANCE SPECTROPHOTOMETRY	HAZY		CLEAR
SPECIFIC GRAVITY		1.01		1.002 - 1.030
by DIP STICK/REFLECT, CHEMICAL EXAMIN	ANCE SPECTROPHOTOMETRY			
REACTION	ATION	ACIDIC		
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY			
PROTEIN by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECT, pH	ANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5
1	ANCE SPECTROPHOTOMETRY			
BILIRUBIN by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECT. UROBILINOGEN	ANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY			
KETONE BODIES by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY	NEGATIVE (-v	ve)	NEGATIVE (-ve)
by DIP STICK/REFLECT	ANCE SPECTROPHOTOMETRY		,	
MICROSCOPIC EXA		NECATIVE (-	(IIDE	0.3
RED BLOOD CELLS (RDUS)	NEGATIVE (-v	/HPF	0 - 3

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Test Name		Value	Unit	Biological Reference interval
by MICROSCOPY ON (CENTRIFUGED URINARY SEDIMENT			
PUS CELLS		2-3	/HPF	0 - 5
,	CENTRIFUGED URINARY SEDIMENT			
EPITHELIAL CELLS by MICROSCOPY ON (S CENTRIFUGED URINARY SEDIMENT	1-2	/HPF	ABSENT
CRYSTALS		NEGATIVE (-ve)		NEGATIVE (-ve)

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

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

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