

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



	<b>Dr. Vinay Chopr</b> MD (Pathology & Micr Chairman & Consultar	robiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. MUKESH SAINI			
AGE/ GENDER	: 45 YRS/MALE	ŀ	PATIENT ID	: 1718863
COLLECTED BY	: SURJESH	F	REG. NO./LAB NO.	: 012501080007
REFERRED BY	:	F	REGISTRATION DATE	: 08/Jan/2025 08:38 AM
BARCODE NO.	: 01523592		COLLECTION DATE	: 08/Jan/2025 09:08AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	_	REPORTING DATE	: 08/Jan/2025 09:50AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAST	HYA WEL	LNESS PANEL: 1.0	D
	COME	PLETE BLO	OD COUNT (CBC)	
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HI	3)	13.7	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (1	RBC) COUNT	4.72	Millions	/cmm 3.50 - 5.00
by HYDRO DYNAMIC F	OCUSING, ELECTRICAL IMPEDENCE			
PACKED CELL VOLU	JME (PCV) UTOMATED HEMATOLOGY ANALYZER	44.4	%	40.0 - 54.0
MEAN CORPUSCUL	AR VOLUME (MCV) UTOMATED HEMATOLOGY ANALYZER	94.2	fL	80.0 - 100.0
AEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	29.1	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC)	30.9 <sup>L</sup>	g/dL	32.0 - 36.0
	UTOMATED HEMATOLOGY ANALYZER	13.9	%	11.00 - 16.00
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
	JTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	49	fL	35.0 - 56.0
MENTZERS INDEX		19.96	RATIO	BETA THALASSEMIA TRAIT: <
by CALCULATED				13.0 IRON DEFICIENCY ANEMIA:
				>13.0
GREEN & KING IND by calculated	EX	27.81	RATIO	BETA THALASSEMIA TRAIT:< 65.0
				IRON DEFICIENCY ANEMIA: >
WIITE DI OOD CEI				65.0
<b>NHITE BLOOD CEI</b> TOTAL LEUCOCYTE		6170	/cmm	4000 - 11000
by FLOW CYTOMETRY	BY SF CUBE & MICROSCOPY		/ cinili	
	LOOD CELLS (nRBCS) THEMATOLOGY ANALYZER	NIL		0.00 - 20.00
by AUTOMATED 6 PAR	LOOD CELLS (nRBCS) %	NIL	%	< 10 %

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. MUKESH SAINI AGE/ GENDER : 45 YRS/MALE **PATIENT ID** :1718863 **COLLECTED BY** : SURJESH :012501080007 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :08/Jan/2025 08:38 AM : **BARCODE NO.** :01523592 **COLLECTION DATE** :08/Jan/202509:08AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :08/Jan/202509:50AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 52 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 38 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 3 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 7 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 3208 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2345 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 185 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 432 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 200000 150000 - 450000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.28 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14<sup>H</sup> fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 112000<sup>H</sup> 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 56.2<sup>H</sup> 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 15.9% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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Test Name	Value	e Unit	<b>Biological Reference interval</b>



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	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 <b>CONDITION WITH LO</b> A low ESR can be see (polycythaemia), sign	be used to monitor disease active ematosus W ESR In with conditions that inhibit th	s inflammation. For vity and response to e normal sedimenta ount (leucocytosis)	this reason, the ESR is ty therapy in both of the a ation of red blood cells, s	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 (sucl





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Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLINI	ICAL CHEMISTRY GLUCOSE FAS		TRY
GLUCOSE FASTINO	Γ (Ε) · ΡΙ Δ SM Δ		mg/dL	NORMAL: < 100.0
	$F (\Gamma)$ . $\Gamma$ LASMA E - PEROXIDASE (GOD-POD)	136.22 <sup>H</sup>	liig/ uL	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

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**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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Fest Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PROF	EILE · BASIC	
CHOLESTEROL TO	TAL · SFRUM	158.52	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX		100.02	ing/ uL	BORDERLINE HIGH: 200.0 -
				239.0
				HIGH CHOLESTEROL: > OR = 240.0
RIGLYCERIDES: S		131.84	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	PHATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
		70.01	(17	VERY HIGH: $> OR = 500.0$
IDL CHOLESTERO	L (DIRECT): SERUM	59.81	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0
				60.0
DI CHOI ESTEDOI	CEDUM	72.34	ma/dI	HIGH HDL: $> OR = 60.0$
DL CHOLESTEROI by CALCULATED, SPE		72.34	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.
				BORDERLINE HIGH: 130.0 -
				159.0 HIGH: 160.0 - 189.0
				VERY HIGH: > OR = 190.0
NON HDL CHOLEST		98.71	mg/dL	OPTIMAL: < 130.0
by CALCOLATED, SFL				ABOVE OPTIMAL: 130.0 - 159. BORDERLINE HIGH: 160.0 -
				189.0
				HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
LDL CHOLESTER		26.37	mg/dL	0.00 - 45.00
by CALCULATED, SPE		448.88	mg/dL	350.00 - 700.00
by CALCULATED, SPE				
CHOLESTEROL/HD		2.65	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		1.21	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		2.2 <sup>L</sup>	RATIO	3.00 - 5.00

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

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

 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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Test Name		Value	Unit	<b>Biological Reference interval</b>
BILIRUBIN TOTAL		FUNCTIO 0.77	n <b>TEST (COMPLETE)</b> mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT	Γ (CONJUGATED): SERUM SPECTROPHOTOMETRY	0.19	mg/dL	ADOL1. 0.00 - 1.20 0.00 - 0.40
,	CCT (UNCONJUGATED): SERUM	0.58	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		26.5	U/L	7.00 - 45.00
SGPT/ALT: SERUM		19.3	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	1.37	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	73.95	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM	43.69	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.98	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.12	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	2.86	gm/dL	2.30 - 3.50
A : G RATIO: SERUI	M	1.44	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

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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INTERPRETATION





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## DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

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	NATE DEHYDROGENASE (GLDH)	17.24	mg/dL	10.00 - 50.00
CREATININE: SER by ENZYMATIC, SPEC	UM	0.89	mg/dL	0.40 - 1.40
BLOOD UREA NITH	ROGEN (BUN): SERUM	8.06	mg/dL	7.0 - 25.0
RATIO: SERUM	ROGEN (BUN)/CREATININE	9.06 <sup>L</sup>	RATIO	10.0 - 20.0
UREA/CREATININ		19.37	RATIO	
URIC ACID: SERUN by URICASE - OXIDAS		6.32	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPE	ECTROPHOTOMETRY	9.48	mg/dL	8.50 - 10.60
-	ERUM DATE, SPECTROPHOTOMETRY	3.69	mg/dL	2.30 - 4.70
<u>ELECTROLYTES</u>				
SODIUM: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	142.5	mmol/L	135.0 - 150.0
POTASSIUM: SERU	M	4.13	mmol/L	3.50 - 5.00
CHLORIDE: SERUN by ISE (ION SELECTIV	1	106.88	mmol/L	90.0 - 110.0
ESTIMATED GLON	MERULAR FILTERATION RATE			
(eGFR): SERUM by CALCULATED	IERULAR FILTERATION RATE	107.7		
INTERPRETATION:	veen pre- and post renal azotemia.			

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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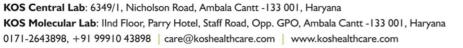
		<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist				
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AGE/ GENDER	: 45 YRS/MALE		F	PATIENT ID		: 1718863		
COLLECTED BY			г	REG. NO./LAB NO.		1950108000	17	
	. SUIGESTI	I		REG. NO.7 LAB NO. REGISTRATION DATE COLLECTION DATE		: <b>012501080007</b> : 08/Jan/2025 08:38 AM : 08/Jan/2025 09:08AM		
REFERRED BY	:							
BARCODE NO.	:01523592							
CLIENT CODE.	: KOS DIAGN	OSTIC LAB	F	REPORTING DAT	E :0	3/Jan/2025 10	D:53AM	
CLIENT ADDRESS	: 6349/1, NI	6349/1, NICHOLSON ROAD, AMBALA CANTT						
Test Name			Value	Un	uit	Biolog	ical Reference	interva
ourns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>0:1) WITH DEC</b>	ostomy) I creatinine producti ucocorticoids) <b>ATED CREATININE LE</b> proportionately more on renal disease.	on) /ELS:	n, GI bleeding, thy e) (e.g. obstructive		ushing's synd	rome, high prote	ein diet,
2. Urine reabsorption 3. Reduced muscle m 4. Certain drugs (e.g. <b>NCREASED RATIO (&gt;2</b> 2. Postrenal azotemia <b>DECREASED RATIO (</b> >1 3. Acute tubular necr 4. Acute tubular necr 5. Low protein diet ar 6. Severe liver disease 6. Other causes of de 6. Repeated dialysis ( 6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. <b>DECREASED RATIO (</b> <1 7. Phenacimide thera 8. Rabdomyolysis (r 9. Muscular patients <b>NAPPROPIATE RATIO</b> 0. Diabetic ketoacido hould produce an in 8. Cephalosporin ther	kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>0:1) WITH DEC</b> osis. d starvation. creased urea s urea rather tha nonemias (urea f inappropiate <b>0:1) WITH INCI</b> oy (accelerates eleases muscle who develop re- sis (acetoaceta sceased BUN/c apy (interferes LAR FILTERATIO	ostomy) I creatinine producti- ucocorticoids) ATED CREATININE LE proportionately more on renal disease. REASED BUN : an creatinine diffuse: an creatinine diffuse: a is virtually absent antidiuretic harmone REASED CREATININE: conversion of creati creatinine). enal failure. te causes false incre reatinine ratio). with creatinine mea DN RATE: DESCRIPTION mmal kidney functior idney damage with	on) /ELS: e than creatinin out of extrace n blood). e) due to tubula the to creatinine ase in creatinine surement). GFR (mL	e) (e.g. obstructive llular fluid). Ir secretion of urea	e uropathy). a. thodologies,r	esulting in no TED FINDINGS roteinuria e of Protein ,	rmal ratio when	
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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

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









	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mr. MUKESH SAINI		
AGE/ GENDER	: 45 YRS/MALE	PATIENT ID	: 1718863
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012501080007
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 08/Jan/2025 08:38 AM
BARCODE NO.	: 01523592	<b>COLLECTION DATE</b>	: 08/Jan/2025 09:08AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 08/Jan/2025 10:53AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Т	
Test Name	Value	Unit	Biological Reference interval

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure of CFD with the commended to measure

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated





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

MBBS, MD (PATHOLOGY)

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NAME	: Mr. MUKESH SAINI	Consultant Pathologis	t CEO & Consultant			
AGE/ GENDER	: 45 YRS/MALE		PATIENT ID	: 1718863		
COLLECTED BY	: SURJESH	JESH REG. NO./LAB N		: 012501080007		
REFERRED BY	:	<b>REGISTRATION DATE</b>		: 08/Jan/2025 08:38 AM		
BARCODE NO.	: 01523592 : KOS DIAGNOSTIC LAB		COLLECTION DATE	: 08/Jan/2025 09:08AM		
CLIENT CODE.			<b>REPORTING DATE</b>	: 08/Jan/2025 12:05PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT				
Test Name		Value	Unit	<b>Biological Reference interval</b>		
		AM	YLASE			
AMYLASE - SERUM		94.06 <sup>H</sup>	IU/L	0 - 90		

## COMMENTS

1. Amylase is produced in the Pancreas and most of the elevation in serum is due to increased rate of Amylase entry into the blood stream / decreased rate of clearance or both

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(A Unit of KOS Healthcare)

2.Serum Amylase rises within 6 to 48 hours of onset of Acute pancreatitis in 80% of patients, but is not proportional to the severity of the disease.
3.Activity usually returns to normal in 3-5 days in patients with milder edematous form of the disease.
4.Values persisting longer than this period suggest continuing necrosis of pancreas or Pseudocyst formation.
5.Approximately 20% of patients with Pancreatitis have normal or near normal activity.
6.Hyperlipemic patients with Pancreatitis also show spuriously normal Amylase levels due to suppression of Amylase activity by triglyceride.
7.Low Amylase levels are seen in Chronic Pancreatitis, Congestive Heart failure, 2nd & 3rd trimesters of pregnancy, Gastrointestinal cancer & based fractures. bone fractures.



**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





		<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologist				1 <b>Chopra</b> (Pathology) Pathologist
NAME	: Mr. MUKES	H SAINI				
AGE/ GENDER	: 45 YRS/MAL	Æ	]	PATIENT ID		: 1718863
COLLECTED BY	: SURJESH		I	REG. NO./LAB	8 NO.	: 012501080007
REFERRED BY	:			REGISTRATIC		: 08/Jan/2025 08:38 AM
BARCODE NO.	: 01523592			COLLECTION DEPORTMENT		: 08/Jan/2025 09:08AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNO		, AMBALA CANTT	REPORTING I	DATE	: 08/Jan/2025 10:03AM
	. 00 10/ 1, 100	nolbon nond,				
Test Name			Value		Unit	<b>Biological Reference interval</b>
			CLINICAL	ратиліл	CV	
		LIDINE D	OUTINE & MIC			TION
PHYSICAL EXAMIN	ATION	UKINE KU		RUSCUPIC	EAAWIINA	ATION
QUANTITY RECIEV			10		ml	
by DIP STICK/REFLEC		PHOTOMETRY				
COLOUR by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY	PALE YEL	LOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLEC		RUOTOMETRY	CLEAR			CLEAR
SPECIFIC GRAVITY		PHOTOMETRY	1.02			1.002 - 1.030
by DIP STICK/REFLEC		PHOTOMETRY				
REACTION	NATION		ACIDIC			
by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY				
PROTEIN by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY	Negative			NEGATIVE (-ve)
SUGAR by DIP STICK/REFLEC		RUOTOMETRY	Negative			NEGATIVE (-ve)
pH	TANCE SPECTRU	PHUTUMETRY	6			5.0 - 7.5
by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY	Nogativo			NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY	Negative			
NITRITE by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY.	Negative			NEGATIVE (-ve)
UROBILINOGEN			Normal		EU/dL	0.2 - 1.0
by DIP STICK/REFLEC KETONE BODIES	IANCE SPECTRO	PHOIOMETRY	Negative			NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY				
BLOOD by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY	Negative			NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLEC	TANCE SPECTRO	PHOTOMETRY	NEGATIVE	E (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXA						
RED BLOOD CELLS	(RBCs)		NEGATIVE	E (-ve)	/HPF	0 - 3

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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

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Page 14 of 15

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



NAME



HEALTHCARE &

Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist : Mr. MUKESH SAINI

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

AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: 45 YRS/MALE : SURJESH : : 01523592 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AM	REGISTR COLLECT REPORT	T ID /LAB NO. RATION DATE TION DATE ING DATE	: 1718863 : 012501080007 : 08/Jan/2025 08:38 AM : 08/Jan/2025 09:08AM : 08/Jan/2025 10:03AM
Test Name		Value	Unit	Biological Reference interval
PUS CELLS	CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	0 - 5
EPITHELIAL CELLS		1-2	/HPF	ABSENT
CRYSTALS	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)

by BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

End Of Report \*

NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT



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

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

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NEGATIVE (-ve)

NEGATIVE (-ve)

ABSENT