



	Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology)		Pathology)
NAME	: Mr. PIRTHI PAL SINGH SETHI			
AGE/ GENDER	: 71 YRS/MALE		PATIENT ID	: 1609345
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012409110021
REFERRED BY	:		REGISTRATION DATE	: 11/Sep/2024 10:18 AM
BARCODE NO.	:01516741		COLLECTION DATE	: 11/Sep/2024 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Sep/2024 11:00AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	SWAS	THYA WF	LLNESS PANEL: 1.0	
			OOD COUNT (CBC)	
RED BLOOD CELLS (R	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		12.5	gm/dL	12.0 - 17.0
RED BLOOD CELL (RB	C) COUNT DCUSING, ELECTRICAL IMPEDENCE	4.26	Millions/cn	nm 3.50 - 5.00
PACKED CELL VOLUM		39.1 ^L	%	40.0 - 54.0
MEAN CORPUSCULAR		91.9	fL	80.0 - 100.0
MEAN CORPUSCULAR	R HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	29	pg	27.0 - 34.0
MEAN CORPUSCULAR	R HEMOGLOBIN CONC. (MCHC)	31.6 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBUTI	ON WIDTH (RDW-CV)	14.8	%	11.00 - 16.00
RED CELL DISTRIBUTI	ON WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER	50.7	fL	35.0 - 56.0
MENTZERS INDEX		21.57	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX	(31.55	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>(WBCS)</u>			
TOTAL LEUCOCYTE CO	DUNT (TLC) by sf cube & microscopy	5700	/cmm	4000 - 11000
NUCLEATED RED BLO		NIL		0.00 - 20.00
NUCLEATED RED BLO by CALCULATED BY AU DIFFERENTIAL LEUCO	JTOMATED HEMATÓLOGY ANALYZER	NIL	%	< 10 %
NEUTROPHILS by flow cytometry	BY SF CUBE & MICROSCOPY	64	%	50 - 70



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



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. PIRTHI PAL SINGH SETHI AGE/ GENDER : 71 YRS/MALE **PATIENT ID** :1609345 **COLLECTED BY** : SURJESH :012409110021 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** :11/Sep/2024 10:18 AM : **BARCODE NO.** :01516741 **COLLECTION DATE** :11/Sep/2024 10:22AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :11/Sep/2024 11:00AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LYMPHOCYTES 26 % 20 - 40by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS % 1-6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 0 % 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS % 0 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY IMMATURE GRANULOCTE (IG) % 0 % 0 - 5.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT ABSOLUTE NEUTROPHIL COUNT 2000 - 7500 3648 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1482 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 57 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 513 80 - 880 ABSOLUTE MONOCYTE COUNT /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE IMMATURE GRANULOCYTE COUNT 0 0.0 - 999.0 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) /cmm 150000 - 450000 137000^L by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.10 - 0.36 PLATELETCRIT (PCT) 0.17 % by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE **MEAN PLATELET VOLUME (MPV)** fL 6.50 - 12.0 14^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 68000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 56^H % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 16.2 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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COLLECTION DATE

REPORTING DATE

:11/Sep/2024 10:22AM

:11/Sep/2024 11:00AM

Dr. Vinay Chopra MD (Pathology & Microbi Chairman & Consultant P	iology) M	m Chopra D (Pathology) nt Pathologist
: Mr. PIRTHI PAL SINGH SETHI		
: 71 YRS/MALE	PATIENT ID	: 1609345
: SURJESH	REG. NO./LAB NO.	:012409110021
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REFERRED BY:BARCODE NO.: 01516741CLIENT CODE.: KOS DIAGNOSTIC LAB

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

Test Name	Value	Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED

NAME

AGE/ GENDER COLLECTED BY



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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NAME	: Mr. PIRTHI PAL SINGH SET	HI		
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BARCODE NO.	:01516741		COLLECTION DATE	: 11/Sep/2024 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Sep/2024 11:15AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTI	ſ	
Test Name		Value	Unit	Biological Reference interval
	ERYTH	ROCYTE SED	IMENTATION RATE (ES	R)
	MENTATION RATE (ESR) RGREN AUTOMATED METHOD	5	mm/1st h	r 0 - 20
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: I. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 5. Drugs such as dext	be used to monitor disease activi ematosus W ESR n with conditions that inhibit the inficantly high white blood cell co e cell anaemia) also lower the ES e protein (C-RP) are both markers is not change as rapidly as does C by as many other factors as is ESI ed, it is typically a result of two ty we a higher ESR, and menstruatio tran, methyldopa, oral contracept	inflammation. F ity and response normal sedime unt (leucocytos SR. s of inflammatio RP, either at the R , making it a be ypes of proteins n and pregnanc ²	for this reason, the ESR is type to therapy in both of the a ntation of red blood cells, so is), and some protein abno n. e start of inflammation or as ester marker of inflammation , globulins or fibrinogen. y can cause temporary eleva	bicallý 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.
opinini, oortiseno, ar	nd quinine may decrease it			
	Bw -		Geogra	



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		Chopra gy & Microbiology) Consultant Pathologist		(Pathology)
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BARCODE NO.	:01516741		COLLECTION DATE	: 11/Sep/2024 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB]	REPORTING DATE	: 11/Sep/2024 12:53PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CL	INICAL CHEMIS	RY/BIOCHEMISTR	Y
		GLUCOSE	FASTING (F)	
GLUCOSE FASTING (F by glucose oxidase): PLASMA = - peroxidase (god-pod)	84.65	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

A fasting plasma glucose level below 100 mg/dl is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
 A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients.
 A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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Page 5 of 16







Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Microbiology)	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mr. PIRTHI PAL SINGH SET : 71 YRS/MALE : SURJESH : : 01516741 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD,	PATIE REG. N REGIS [®] COLLE REPOI	NT ID 10./LAB NO. FRATION DATE CTION DATE RTING DATE	: 1609345 : 012409110021 : 11/Sep/2024 10:18 AM : 11/Sep/2024 10:22AM : 11/Sep/2024 11:49AM
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFILE :	BASIC	
CHOLESTEROL TOTAL by CHOLESTEROL OX		152.18	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.
TRIGLYCERIDES: SER by GLYCEROL PHOSP	UM HATE OXIDASE (ENZYMATIC)	108.23	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROL (by SELECTIVE INHIBITI		68.78	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: S by CALCULATED, SPE		61.75	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 CHOLESTEI by CALCULATED, SPE		83.4	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 CHOLESTEROL: by CALCULATED, SPE		21.65	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUN by CALCULATED, SPE	N	412.59	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL F by CALCULATED, SPE	RATIO: SERUM	2.21	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
LDL/HDL RATIO: SER by CALCULATED, SPE		0.9	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
		0		

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





		hopra & Microbiology) nsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. PIRTHI PAL SINGH SE	THI		
AGE/ GENDER	: 71 YRS/MALE	PATIE	NT ID	: 1609345
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BARCODE NO.	:01516741	COLLE	CTION DATE	: 11/Sep/2024 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	TING DATE	: 11/Sep/2024 11:49AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
TRIGLYCERIDES/HD		1.57 ^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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EXCELLENCE IN HEALTHCARE & DIAGNOSTICS Dr. Yugam Chopra MD (Pathology) **CEO & Consultant Pathologist**

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			/
Test Name	Value	e Unit	Biological Reference interval

Dr. Vinay Chopra

MD (Pathology & Microbiology)

Chairman & Consultant Pathologist

LIV	ER FUNCTION TE	ST (COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.91	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.25	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.66	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	14.8	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	14.3	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by calculated, spectrophotometry	1.03	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by para nitrophenyl phosphatase by amino methyl propanol	96.72	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by szasz, spectrophtometry	12.63	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.06 ^L	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.11	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.95 ^L	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.11 ^H	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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT	
Test Name		Value Unit	Biological Reference interval

DECREASED:

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

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

PROGNOSTIC	SIGNIFICANCE:

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



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MD (Pathology) **CEO & Consultant Pathologist**

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			<u> </u>
Test Name	Value	Unit	Biological Reference interval

кі	ONEY FUNCTION TE	ST (COMPLETE)	
JREA: SERUM by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)	27.66	mg/dL	10.00 - 50.00
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY	1.01	mg/dL	0.40 - 1.40
bLOOD UREA NITROGEN (BUN): SERUM	12.93	mg/dL	7.0 - 25.0
LOOD UREA NITROGEN (BUN)/CREATININE ATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	12.8	RATIO	10.0 - 20.0
REA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	27.39	RATIO	
RIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	3.92	mg/dL	3.60 - 7.70
ALCIUM: SERUM by arsenazo III, spectrophotometry	9.09	mg/dL	8.50 - 10.60
OSPHOROUS: SERUM by phosphomolybdate, spectrophotometry ECTROLYTES	3.14	mg/dL	2.30 - 4.70
DIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	139.1	mmol/L	135.0 - 150.0
TASSIUM: SERUM	3.74	mmol/L	3.50 - 5.00
ILORIDE: SERUM <i>by ISE (ION SELECTIVE ELECTRODE)</i> TIMATED GLOMERULAR FILTERATION RATE	104.32	mmol/L	90.0 - 110.0
TIMATED GLOMERULAR FILTERATION RATE GFR): SERUM Dy CALCULATED	79.5		

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.



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J 9001.2008 CENT				EXCELENCE IN REALINCA		
			Vinay ChopraDr. Yugam Chopra(Pathology & Microbiology)MD (Pathology)rman & Consultant PathologistCEO & Consultant Pathologist		D (Pathology)	
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REFERRED BY	:		REG	ISTRATION DATE	:11/Sep/2024 10:18	3 AM
BARCODE NO.	:01516741		COL	LECTION DATE	:11/Sep/2024 10:22	2AM
CLIENT CODE.	: KOS DIAGN	IOSTIC LAB	REP	DRTING DATE	: 11/Sep/2024 01:48	3PM
CLIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD, AMBA	LA CANTT			
Test Name			Value	Unit	Biological	Reference interval
6. Inherited hyperam 7. SIADH (syndrome c 8. Pregnancy. DECREASED RATIO (< 1 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO	creased urea s (urea rather th monemias (ur of inappropiate (10:1) WITH INC py (accelerate eleases muscle who develop r :	an creatinine diffuses ou ea is virtually absent in b e antidiuretic harmone) d REASED CREATININE: s conversion of creatine e creatinine). renal failure.	blood). lue to tubular se to creatinine).	cretion of urea.	logies,resulting in norma	al ratio when dehydratio
should produce an in 2. Cephalosporin ther	creased BUN/c apy (interfere	creatinine ratio). s with creatinine measure		th certain methodo	nogles, resulting in norma	
ESTIMATED GLOMERU CKD STAGE	JLAR FILTERATI	ON RATE: DESCRIPTION	GFR (mL/mi	n/1 73m2)	ASSOCIATED FINDINGS	1
G1	N	ormal kidney function	>9		No proteinuria	1
G2		Kidney damage with	>9		Presence of Protein ,	1
		normal or high GFR			bumin or cast in urine	
G3a	١	Vild decrease in GFR	60 -			
G3b		derate decrease in GFR	30-			
G4	S	avoro docroaso in GER	15-	20		1

G4

G5

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

Severe decrease in GFR

Kidney failure

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

15-29

<15

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	Dr. Vinay Chopra MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Mr. PIRTHI PAL SINGH SETHI		
AGE/ GENDER	: 71 YRS/MALE	PATIENT ID	: 1609345
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012409110021
REFERRED BY	:	REGISTRATION DATE	: 11/Sep/2024 10:18 AM
BARCODE NO.	: 01516741	COLLECTION DATE	: 11/Sep/2024 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 11/Sep/2024 01:48PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
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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MBBS, MD (PATHOLOGY)







	Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist				
NAME	: Mr. PIRTHI PAL SINGH SE	ГНІ			
AGE/ GENDER	: 71 YRS/MALE	PATI	ENT ID	: 1609345	
COLLECTED BY	: SURJESH	REG. 1	NO./LAB NO.	: 012409110021	
REFERRED BY	•		TRATION DATE	: 11/Sep/2024 10:18 AM	
BARCODE NO.	: 01516741		ECTION DATE	: 11/Sep/2024 10:22AM	
				1	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		RTING DATE	: 11/Sep/2024 11:49AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	AMBALA CANTT			
Test Name		Value	Unit	Biological Reference int	erval
		TUMOUR M	VBKEB		
		TATE SPECIFIC ANTI		Δ	
	ANTIGEN (PSA) - TOTAL:	< 0.01	ng/mL	0.0 - 4.0	
SERUM					
INTERPRETATION:	IESCENCE IMMUNOASSAY)				
NOTE:					
 False negative / pd PSA levels may app Immediate PSA terneedle biopsy of prosts PSA values regardl correlated with clinities Sites of Non-prost Physiological decreases The concentration in assay methods, cat RECOMMENDED TEST Preoperatively (Ba 2. 2-4 Days Post opeed Prior to discharge 	ositive results are observed in popear consistently elevated / depisting following digital rectal exa state is not recommended as the less of levels should not be inter cal findings and results of other ratic PSA production are breast of ease in PSA level by 18% has been of PSA in a given specimen, deter alibration, and reagent specificit FING INTERVALS iseline) ratively from hospital	atients receiving mouse i ressed due to the interfer mination, ejaculation, pr ey falsely elevate levels preted as absolute evide investigations epithelium, salivary glance en observed in hospitalize ermined with assays from y.	nonoclonal antibod rence by heterophili ostatic massage, ind nce of the presence ls, peri-urethral & a ed / sedentary patie	ion (DRE) in males above 50 years of a ies for diagnosis or therapy ic antibodies & nonspecific protein bin dwelling catheterization, ultrasonogra or absence of disease. All values show nal glands, cells of male urethra & br ents either due to supine position or s urers, may not be comparable due to	nding aphy and uld be east milk uspended
4. Monthly Follow U	p if levels are high and showing POST SURGERY		QUENCY OF TESTIN	6	
	1st Year	FRI	Every 3 Months	<u> </u>	
	2 nd Year		Every 4 Months		
	3 rd Year Onwards		Every 6 Months		

and in those with two or more affected first degree relatives. 2. Followup and management of Prostate cancer patients.

3. Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer

KOS Diagnostic Lab (A Unit of KOS Healthcare)

INCREASED LEVEL:

1. Prostate cancer

2. Benign Prostatic Hyperplasia

3. Prostatitis



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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT







:11/Sep/2024 11:49AM

	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologi		(Pathology)
NAME	: Mr. PIRTHI PAL SINGH SETHI		
AGE/ GENDER	: 71 YRS/MALE	PATIENT ID	: 1609345
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	:012409110021
REFERRED BY	:	REGISTRATION DATE	: 11/Sep/2024 10:18 AM
BARCODE NO.	: 01516741	COLLECTION DATE	: 11/Sep/2024 10:22AM

REPORTING DATE

BARCODE NO. :01516741

CLIENT CODE. : KOS DIAGNOSTIC LAB

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

Test Name Value Unit **Biological Reference interval**

4. Genitourinary infections



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	MD (Pathology &	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		n Chopra (Pathology) Pathologist
NAME	: Mr. PIRTHI PAL SINGH SET	HI		
AGE/ GENDER	: 71 YRS/MALE	PA	TIENT ID	: 1609345
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BARCODE NO.	:01516741	CO	LLECTION DATE	: 11/Sep/2024 10:22AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 11/Sep/2024 10:39AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,			
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PA		
		OUTINE & MICRO	DSCOPIC EXAMINAT	TON
PHYSICAL EXAMINA	TION			
QUANTITY RECIEVED		10	ml	
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	AMBER YELLO	אור	PALE YELLOW
	TANCE SPECTROPHOTOMETRY	AMDENTELLC	500	TALE TELEOW
TRANSPARANCY		CLEAR		CLEAR
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	<=1.005		1.002 - 1.030
	TANCE SPECTROPHOTOMETRY	<=1.005		1.002 - 1.030
CHEMICAL EXAMINA				
REACTION		ACIDIC		
-	TANCE SPECTROPHOTOMETRY			
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY			
pH		5.5		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY	Negative		
NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0
	TANCE SPECTROPHOTOMETRY	NUTTIAI	EU/UL	0.2 - 1.0
KETONE BODIES		Negative		NEGATIVE (-ve)
•	TANCE SPECTROPHOTOMETRY	Norativa		
BLOOD by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID		NEGATIVE (-v	e)	NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY			

MICROSCOPIC EXAMINATION



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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)



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

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

NAME	: Mr. PIRTHI PAL SINGH SETH	I		
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
				-
RED BLOOD CELLS (F	(BUS) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3
PUS CELLS		3-4	/HPF	0 - 5
•	CENTRIFUGED URINARY SEDIMENT	1.0		
EPITHELIAL CELLS	CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	ABSENT
CRYSTALS		NEGATIVE (-ve)		NEGATIVE (-ve)
•	CENTRIFUGED URINARY SEDIMENT			
CASTS	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA		NEGATIVE (-ve)		NEGATIVE (-ve)
•	CENTRIFUGED URINARY SEDIMENT			
OTHERS	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
	GINALIS (PROTOZOA)	ABSENT		ABSENT

TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

End Of Report





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