



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)	
NAME	: Mr. PARSHOTAM LAL GUPTA				
AGE/ GENDER	: 72 YRS/MALE		PATIENT ID	: 1662737	7
COLLECTED BY	:		REG. NO./LAB NO.	:012411	1060008
REFERRED BY	:		REGISTRATION DATE	:06/Nov/	/2024 07:47 AM
BARCODE NO.	: 01520196		COLLECTION DATE	:06/Nov/	/2024 07:50AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:06/Nov/	/2024 09:03AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT			
Test Name		Value	Unit]	Biological Reference interval
			ELLNESS PANEL: G .00D COUNT (CBC)		
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES				
HAEMOGLOBIN (H	B)	15.1	gm/dL		12.0 - 17.0
RED BLOOD CELL (RBC) COUNT	6 ^H	Millions	/cmm	3.50 - 5.00
PACKED CELL VOLU		49.5	%		40.0 - 54.0
MEAN CORPUSCUL		82.4	fL		80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	25.2 ^L	pg		27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	30.6 ^L	g/dL		32.0 - 36.0
	UTION WIDTH (RDW-CV) utomated hematology analyzer	16.1 ^H	%		11.00 - 16.00
	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	50.1	fL		35.0 - 56.0
MENTZERS INDEX by CALCULATED		13.73	RATIO		BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INE by CALCULATED	DEX	22.14	RATIO		BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE	LLS (WBCS)				
TOTAL LEUCOCYTE	E COUNT (TLC) (by sf cube & microscopy	7040	/cmm		4000 - 11000
	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL			0.00 - 20.00
	BLOOD CELLS (nRBCS) % UTOMATED HEMATOLOGY ANALYZER	NIL	%		< 10 %



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

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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. PARSHOTAM LAL GUPTA		
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Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by flow cytometry by SF cube & microscopy	54	%	50 - 70
LYMPHOCYTES by flow cytometry by SF cube & microscopy	38	%	20 - 40
EOSINOPHILS by flow cytometry by SF cube & microscopy	4	%	1 - 6
MONOCYTES by flow cytometry by SF cube & microscopy	4	%	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	3802	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by flow cytometry by sf cube & microscopy	2675	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy	282	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by flow cytometry by sf cube & microscopy	282	/cmm	80 - 880
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	222000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.26	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	12	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	90000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	40.4	%	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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CLIENT CODE.	: KOS DIAGNOSTIC LAB		RTING DATE	: 06/Nov/2024 03:07PM	-
CLIENT CODE.	: 6349/1, NICHOLSON ROAD, A		NINU DAIL	. 00/ 100/ 2024 00.071 1	1
CLIENT ADDRESS	. 0349/1, MCHOLSON ROAD, F	AWIDALA CAN I I			
Test Name		Value	Unit	Biological Ret	ference interval
WHOLE BLOOD	EMOGLOBIN (HbA1c):	8.9 ^H	%	4.0 - 6.4	
ESTIMATED AVERAGE PLASMA GLUCOSE by HPLC (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY)		208.73 ^H	mg/dL	60.00 - 140.00)
INTERPRETATION:					
		DIABETES ASSOCIATION (
	REFERENCE GROUP	GLYCOSY	GLYCOSYLATED HEMOGLOGIB (HBAIC) in %		
	abetic Adults >= 18 years	/	<5.7		
	t Risk (Prediabetes) iagnosing Diabetes		<u>5.7 - 6.4</u> >= 6.5		
U			Age > 19 Years		
		Goals of The		< 7.0	
Therapeutic goals for glycemic control		Actions Sugge		>8.0	
Therapeut					
Therapeut	le gouis foi gijoonne control	00	Age < 19 Years		

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 appropiate.

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





		Chopra y & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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est Name		Value	Unit	Biological Reference interval
polycythaemia), sigr is sickle cells in sickl JOTE: . ESR and C - reactiv 2. Generally, ESR doe 8. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 5. Drugs such as dext	n with conditions that inhibit nificantly high white blood cel e cell anaemia) also lower the e protein (C-RP) are both mark s not change as rapidly as doe by as many other factors as is ed, it is typically a result of tw ye a higher ESR, and menstrua	I count (leucocytosis), ar e ESR. es CRP, either at the start ESR, making it a better m o types of proteins, glob ition and pregnancy can c	of inflammation or as arker of inflammatior Jars or fibrinogen. Jause temporary eleva	1.





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI	CAL CHEMIST	RY/BIOCHEMIST ASTING (F)	'nY
GLUCOSE FASTING by GLUCOSE OXIDAS	G (F): PLASMA E - PEROXIDASE (GOD-POD)	181.71 ^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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

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



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EXCELLENCE IN HEALTHCARE & DIAGNOSTICS	
Dr. Yugam Chopra	

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Test Name		Value	Unit	Biological Reference interval
		LIPID PR	OFILE : BASIC	
CHOLESTEROL TOT by CHOLESTEROL OX		236.35 ^H	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SI by GLYCEROL PHOSP	ERUM HATE OXIDASE (ENZYMATIC)	308.65 ^H	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		45.59	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL by CALCULATED, SPEC		129.03	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, SPEC		190.76 ^H	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 CHOLESTERO		61.73 ^H	mg/dL	0.00 - 45.00
by CALCULATED, SPEC TOTAL LIPIDS: SER by CALCULATED, SPEC	UM	781.35 ^H	mg/dL	350.00 - 700.00
by CALCULATED, SPEC	L RATIO: SERUM	5.18 ^H	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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Test Name	Value	Unit	Biological Reference interval

Test Name	Value	Unit	Biological Reference interval
LDL/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.83	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/HDL RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	6.77 ^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.

 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	Biological Reference interval
LIVER	FUNCTION TES	Г (COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.52	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.11	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.41	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	14.63	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	13.52	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.08	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	143.54 ^H	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	24.5	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	7.97	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.26	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	3.71 ^H	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.15	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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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 interval
KIDNE	Y FUNCTION TE	ST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)	48.68	mg/dL	10.00 - 50.00
CREATININE: SERUM by enzymatic, spectrophotometery	1.35	mg/dL	0.40 - 1.40
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY	22.75	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE RATIO: SERUM by Calculated, spectrophotometry	16.85	RATIO	10.0 - 20.0
UREA/CREATININE RATIO: SERUM by Calculated, spectrophotometry	36.06	RATIO	
JRIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	4.75	mg/dL	3.60 - 7.70
CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOMETRY	9.84	mg/dL	8.50 - 10.60
PHOSPHOROUS: SERUM by phosphomolybdate, spectrophotometry ELECTROLYTES	3.62	mg/dL	2.30 - 4.70
SODIUM: SERUM	143.2	mmol/L	135.0 - 150.0
by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	5.3 ^H	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ise (ion selective electrode) ESTIMATED GLOMERULAR FILTERATION RATE	107.4	mmol/L	90.0 - 110.0
ESTIMATED GLOMERULAR FILTERATION RATE (eGFR): SERUM by CALCULATED INTERPRETATION:	55.8		

INTERPRETATION:

To differentiate between pre- and post renal azotemia. INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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		Dr. Vinay Chopr MD (Pathology & Micr Chairman & Consultar	obiology)	Dr. \ CEO & Cor		athology)				
AME	: Mr. PARSH	DTAM LAL GUPTA								
GE/ GENDER	: 72 YRS/MAI	Æ]	PATIENT ID		: 1662737				
COLLECTED BY	:]	REG. NO./LAB NO.		: 012411060	0008			
REFERRED BY	•			REGISTRATION D	АТЕ	:06/Nov/202	4 07:47	АМ		
BARCODE NO.	: 01520196			COLLECTION DAT		: 06/Nov/202				
LIENT CODE.	: KOS DIAGN	STIC I AB		REPORTING DATI		: 06/Nov/202				
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Fest Name			Value	Un	it	Biol	ogical R	eferen	ce interv	val
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Y. Urine reabsorption Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1	(e.g. ureter col- ass (subnormal tetracycline, gli 0:1) WITH ELEV. (BUN rises disp superimposed 0:1) WITH DECF osis. d starvation. creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATIC No	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEV oroportionately more on renal disease. EASED BUN : a treatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creating creatinine). nal failure. e causes false increase eatinine ratio). with creatinine measu. IN RATE: DESCRIPTION rmal kidney function) SLS: han creatinin but of extrace blood). due to tubula e to creatinin e in creatinir rement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e). he with certain met L/min/1.73m2) >90	e uropathy 1. hodologie <u>ASSO</u> G	/). es,resulting in CIATED FINDIN o proteinuria	normal r GS		en dehyd	
Y. Urine reabsorption Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Porerenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Dinherited hyperam SIADH (syndrome c Rhabdomyolysis (r NAPPROPIATE RATIO Diabetic ketoacido hould produce an in CEMATED GLOMERL CKD STAGE	(e.g. ureter col- ass (subnormal tetracycline, gli 0:1) WITH ELEV. (BUN rises disp superimposed of 0:1) WITH DECF osis. Id starvation. 2: creased urea sy urea rather tha monemias (ure f inappropiate 0:1) WITH INCR oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/cr apy (interferes LAR FILTERATIC No	ostomy) creatinine productior ucocorticoids) ATED CREATININE LEV oroportionately more on renal disease. EASED BUN : The creatinine diffuses of a is virtually absent in antidiuretic harmone) EASED CREATININE: conversion of creating creatinine). nal failure. The causes false increase eatinine ratio). with creatinine measu. IN RATE: DESCRIPTION rmal kidney function idney damage with) SLS: han creatinin but of extrace blood). due to tubula e to creatinin e in creatinir rement).	ne) (e.g. obstructive ellular fluid). ar secretion of urea e). ne with certain met	e uropathy n. hodologie ASSO(N Prese	/). es,resulting in CIATED FINDIN o proteinuria ence of Proteir	normāl r GS		en dehyd	
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	Dr. Vinay Chopra MD (Pathology & Microl Chairman & Consultant		(Pathology)
NAME	: Mr. PARSHOTAM LAL GUPTA		
AGE/ GENDER	: 72 YRS/MALE	PATIENT ID	: 1662737
COLLECTED BY	:	REG. NO./LAB NO.	: 012411060008
REFERRED BY	:	REGISTRATION DATE	: 06/Nov/2024 07:47 AM
BARCODE NO.	: 01520196	COLLECTION DATE	: 06/Nov/2024 07:50AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 06/Nov/2024 02:09PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAI	LA CANTT	
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





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AGE/ GENDER	: 72 YRS/MALE	P	ATIENT ID	: 1662737
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REFERRED BY	:	R	EGISTRATION DATE	: 06/Nov/2024 07:47 AM
BARCODE NO.	:01520196		DLLECTION DATE	: 06/Nov/2024 07:50AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		EPORTING DATE	: 06/Nov/2024 11:29AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,			
Test Name		Value	Unit	Biological Reference interval
		TUMOUR	MADVED	
	PROSTA	TE SPECIFIC A	NTIGEN (PSA) - TO	TAL
SERUM by CLIA (CHEMILUMINE INTERPRETATION: NOTE: 1. This is a recommen 2. False negative / po: 3. PSA levels may app	sitive results are observed in pa ear consistently elevated / depr	tients receiving more essed due to the int	use monoclonal antibod erference by heterophili	0.0 - 4.0 on (DRE) in males above 50 years of age. ies for diagnosis or therapy c antibodies & nonspecific protein binding lwelling catheterization, ultrasonography and
needle biopsy of prost 5. PSA values regardle correlated with clinica 6. Sites of Non-prosta	tate is not recommended as the ess of levels should not be interp al findings and results of other itic PSA production are breast e	y falsely elevate leve preted as absolute e investigations pithelium, salivary o	vidence of the presence lands, peri-urethral & a	or absence of disease. All values should be nal glands, cells of male urethra & breast milk nts either due to supine position or suspended
8. The concentration of in assay methods, call	ibration, and reagent specificity		rom different manufactu	urers, may not be comparable due to differences
RECOMMENDED TESTI 1. Preoperatively (Bas 2. 2-4 Days Post opera 3. Prior to discharge f 4. Monthly Follow Lip	seline) atively	rising trend		
	POST SURGERY		FREQUENCY OF TESTING	G
	1st Year		Every 3 Months	
	2 nd Year rd Year Onwards		Every 4 Months Every 6 Months	

2. Followup and management of Prostate cancer patients.

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

INCREASED LEVEL:

1. Prostate cancer

2. Benign Prostatic Hyperplasia

3. Prostatitis

4. Genitourinary infections

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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		-	

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

Test Name Value Unit Biological Reference inter

End Of Report



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