



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)		(Pathology)
NAME	: Mr. MANOJ AGGARWAL			
AGE/ GENDER	: 58 YRS/MALE		PATIENT ID	: 1695456
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012412100011
REFERRED BY	:		REGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246		COLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB/		REPORTING DATE	: 10/Dec/2024 09:30AM
Test Name		Value	Unit	Biological Reference interval
	SWAST	'HYA WE	ELLNESS PANEL: G	
	COMP	LETE BLO	DOD COUNT (CBC)	
	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HE by CALORIMETRIC	3)	12.1	gm/dL	12.0 - 17.0
RED BLOOD CELL (H		4.74	Millions/	/cmm 3.50 - 5.00
PACKED CELL VOLU		39.1 ^L	%	40.0 - 54.0
MEAN CORPUSCULA	ITOMATED HEMATOLOGY ANALYZER R VOLUME (MCV) ITOMATED HEMATOLOGY ANALYZER	82.5	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	25.5 ^L	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) ITOMATED HEMATOLOGY ANALYZER	31 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBU	TION WIDTH (RDW-CV)	14.7	%	11.00 - 16.00
RED CELL DISTRIBU	TION WIDTH (RDW-SD)	45.3	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		17.41	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND by CALCULATED	EX	25.56	RATIO	BETA THALASSEMIA TRAIT:< 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEL				
•	BY SF CUBE & MICROSCOPY	6260	/cmm	4000 - 11000
NUCLEATED RED B	LOOD CELLS (nRBCS) T HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
		NIL	%	

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)

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com



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. MANOJ AGGARWAL AGE/ GENDER : 58 YRS/MALE **PATIENT ID** :1695456 **COLLECTED BY** : SURJESH REG. NO./LAB NO. :012412100011 **REFERRED BY REGISTRATION DATE** : 10/Dec/2024 09:10 AM : **BARCODE NO.** :01522246 **COLLECTION DATE** : 10/Dec/2024 09:15AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 10/Dec/2024 09:30AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 60 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 32 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 2 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 6 % 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 3756 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2003 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 125/cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 376 /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) 150000 - 450000 345000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.36^H % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 10 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 105000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 30.5 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.2% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

in the second second



NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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







	Dr. Vinay Chopra MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Mr. MANOJ AGGARWAL		
AGE/ GENDER	: 58 YRS/MALE	PATIENT ID	: 1695456
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412100011
REFERRED BY	:	REGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246	COLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Dec/2024 09:30AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
			/
Test Name	Value	Unit	Biological Reference interval





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

MBBS, MD (PATHOLOGY)







	Dr. Vinay Ch MD (Pathology & Chairman & Con		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. MANOJ AGGARWAL			
AGE/ GENDER	: 58 YRS/MALE	PATIE	ENT ID	: 1695456
COLLECTED BY	: SURJESH	REG. N	NO./LAB NO.	:012412100011
REFERRED BY	:	REGIS	TRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246	COLLI	ECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 10/Dec/2024 02:24PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
i est name		, and		Diological Merer enter var
i est name	GLY			
GLYCOSYLATED HAE		COSYLATED HAEMO		4.0 - 6.4
GLYCOSYLATED HAE WHOLE BLOOD	MOGLOBIN (HbA1c):		GLOBIN (HBA1C)	J
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE	COSYLATED HAEMOO 7.4 ^H	GLOBIN (HBA1C)	J
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG	MOGLOBIN (HbA1c):	COSYLATED HAEMO	GLOBIN (HBA1C) %	4.0 - 6.4
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	COSYLATED HAEMOO 7.4 ^H 165.68 ^H	GLOBIN (HBA1C) %	4.0 - 6.4
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG) by HPLC (HIGH PERFORM INTERPRETATION:	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	COSYLATED HAEMO 7.4 ^H 165.68 ^H BETES ASSOCIATION (ADA):	GLOBIN (HBA1C) %	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAL FERENCE GROUP Detic Adults >= 18 years	COSYLATED HAEMO 7.4 ^H 165.68 ^H BETES ASSOCIATION (ADA):	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) ir <5.7	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAL FERENCE GROUP Detic Adults >= 18 years Risk (Prediabetes)	COSYLATED HAEMO 7.4 ^H 165.68 ^H BETES ASSOCIATION (ADA):	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) ir <5.7 5.7 – 6.4	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAL FERENCE GROUP Detic Adults >= 18 years	COSYLATED HAEMOO 7.4 ^H 165.68 ^H SETES ASSOCIATION (ADA): GLYCOSYLATED H	GLOBIN (HBA1C) % mg/dL <u>HEMOGLOGIB (HBAIC) ir</u> <5.7 5.7 – 6.4 >= 6.5	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAL FERENCE GROUP Detic Adults >= 18 years Risk (Prediabetes)	COSYLATED HAEMOO 7.4 ^H 165.68 ^H BETES ASSOCIATION (ADA): GLYCOSYLATED H	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) ir <5.7 5.7 - 6.4 >= 6.5 e > 19 Years	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F Dia	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAL FERENCE GROUP Detic Adults >= 18 years Risk (Prediabetes) gnosing Diabetes	COSYLATED HAEMOO 7.4 ^H 165.68 ^H BETES ASSOCIATION (ADA): GLYCOSYLATED H GLYCOSYLATED H Ag Goals of Therapy:	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) ir <5.7 5.7 - 6.4 >= 6.5 e > 19 Years < 7.0	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAE WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F Dia	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAL FERENCE GROUP Detic Adults >= 18 years Risk (Prediabetes)	COSYLATED HAEMOO 7.4 ^H 165.68 ^H BETES ASSOCIATION (ADA): GLYCOSYLATED F GLYCOSYLATED F Goals of Therapy: Actions Suggested:	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) ir <5.7 5.7 - 6.4 >= 6.5 e > 19 Years	4.0 - 6.4 60.00 - 140.00

COMMENTS:

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients.

2.Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropriate. 4. High

HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5. Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7.Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.





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

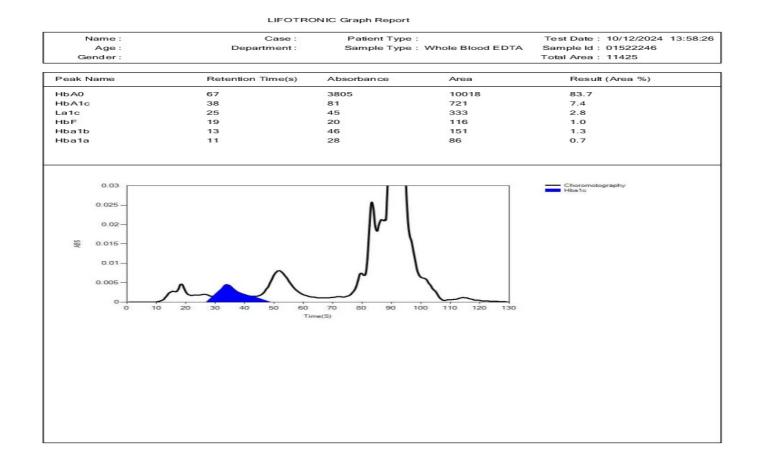
DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







	Dr. Vinay Chop MD (Pathology & M Chairman & Consul	licrobiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mr. MANOJ AGGARWAL		
AGE/ GENDER	: 58 YRS/MALE	PATIENT ID	: 1695456
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	:012412100011
REFERRED BY	:	REGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	:01522246	COLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Dec/2024 02:24PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
Test Name		Value Unit	Biological Reference interval





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

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





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD (Patholo	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		n Chopra (Pathology) t Pathologist
IAME	: Mr. MANOJ AGGARWAI			
AGE/ GENDER	: 58 YRS/MALE		PATIENT ID	: 1695456
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012412100011
REFERRED BY	:		REGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	:01522246		COLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 10/Dec/2024 09:41AM
LIENT ADDRESS	: 6349/1, NICHOLSON RC)AD, AMBALA CANTT		
Fest Name		Value	Unit	Biological Reference interval
by RED CELL AGGREG	IMENTATION RATE (ESI ATION BY CAPILLARY PHOTO	R) 51^H	MENTATION RATE (mm/1st	
by RED CELL AGGREG NTERPRETATION: 1. ESR is a non-specifi mmune disease, but 2. An ESR can be affect as C-reactive protein 3. This test may also be systemic lupus erythe CONDITION WITH LOV A low ESR can be seen polycythaemia), sign as sickle cells in sickle NOTE: 1. ESR and C - reactive 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevated 5. Women tend to hav 5. Drugs such as dext	IMENTATION RATE (ESI sation by capillary photo c test because an elevated does not tell the health pra sted by other conditions be be used to monitor disease matosus V ESR n with conditions that inhib ificantly high white blood c e cell anaemia) also lower to a protein (C-RP) are both ma s not change as rapidly as d by as many other factors as ed, it is typically a result of re a higher ESR, and menstr	R) 51 ^H METRY 51 ^H result often indicates ctitioner exactly when sides inflammation. For activity and response at the normal sedimen ell count (leucocytosis the ESR. arkers of inflammation oes CRP, either at the is ESR, making it a bet two types of proteins, uation and pregnancy	mm/1st the presence of inflammat e the inflammation is in th or this reason, the ESR is ty to therapy in both of the a station of red blood cells, s), and some protein abno start of inflammation or a ter marker of inflammation globulins or fibrinogen. can cause temporary eleva	hr 0 - 20 ion associated with infection, cance e body or what is causing it. pically used in conjunction with oth above diseases as well as some other uch as a high red blood cell count ormalities. Some changes in red cell s it resolves. n.

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)







	· · · · · ·	Mopra & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mr. MANOJ AGGARWAL			
AGE/ GENDER	: 58 YRS/MALE	P	ATIENT ID	: 1695456
COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012412100011
REFERRED BY	:	R	EGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246	C	OLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 10/Dec/2024 11:27AM
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	F (F): PLASMA E - PEROXIDASE (GOD-POD)	157.21 ^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

IN ACCORDANCE 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.



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

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

MBBS, MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



Page 7 of 14





		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. MANOJ AGGARWAL			
AGE/ GENDER	: 58 YRS/MALE	PATI	ENT ID	: 1695456
COLLECTED BY	: SURJESH	REG.	NO./LAB NO.	: 012412100011
REFERRED BY	:	REGI	STRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	:01522246	COLI	ECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	DRTING DATE	: 10/Dec/2024 11:27AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFIL	E : BASIC	
CHOLESTEROL TOT	AL: SERUM	148.45	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX			0	BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
TRIGLYCERIDES: SH		135.26	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSPI	HATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 -
				199.0 HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
HDL CHOLESTEROL		35.65	mg/dL	LOW HDL: < 30.0
by SELECTIVE INHIBITI	ON			BORDERLINE HIGH HDL: 30.0 60.0
				HIGH HDL: $> OR = 60.0$
LDL CHOLESTEROL		85.75	mg/dL	OPTIMAL: < 100.0
by CALCULATED, SPEC	CTROPHOTOMETRY			ABOVE OPTIMAL: 100.0 - 129. BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0
NON HDL CHOLDOT		110.0		VERY HIGH: $> OR = 190.0$
NON HDL CHOLEST by CALCULATED, SPEC		112.8	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.
				BORDERLINE HIGH: 160.0 -
				189.0
				HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTERO	L: SERUM	27.05	mg/dL	0.00 - 45.00
by CALCULATED, SPEC		400.10		
TOTAL LIPIDS: SER by CALCULATED, SPEC		432.16	mg/dL	350.00 - 700.00
CHOLESTEROL/HD	L RATIO: SERUM	4.16	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPEC	CTROPHOTOMETRY			AVERAGE RISK: 4.50 - 7.0
				MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0
				110111000. > 11.0



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

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







	Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist					
NAME	: Mr. MANOJ AGGARWAL					
AGE/ GENDER	: 58 YRS/MALE	PA	TIENT ID	: 1695456		
COLLECTED BY	: SURJESH	RE	G. NO./LAB NO.	: 012412100011		
REFERRED BY	:	RE	GISTRATION DATE	: 10/Dec/2024 09:10 AM		
BARCODE NO.	: 01522246	CO	LLECTION DATE	: 10/Dec/2024 09:15AM		
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 10/Dec/2024 11:27AM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT				
Test Name		Value	Unit	Biological Reference interval		
LDL/HDL RATIO: S by CALCULATED, SPE		2.41	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0		
TRIGLYCERIDES/H by CALCULATED, SPE		3.79	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





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

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







	Dr. Vinay Chopi MD (Pathology & Mic Chairman & Consulta	robiology)		(Pathology)
NAME	: Mr. MANOJ AGGARWAL			
AGE/ GENDER	: 58 YRS/MALE		PATIENT ID	: 1695456
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012412100011
REFERRED BY	:		REGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246		COLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 10/Dec/2024 11:27AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMI	BALA CANTI	ſ	
Test Name		Value	Unit	Biological Reference interval
BILIRUBIN DIRECT by DIAZO MODIFIED, S	: SERUM PECTROPHOTOMETRY C (CONJUGATED): SERUM SPECTROPHOTOMETRY	0.38 0.12	N TEST (COMPLETE) mg/dL mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CT (UNCONJUGATED): SERUM	0.26	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	11.5	U/L	7.00 - 45.00
SGPT/ALT: SERUM	RIDOXAL PHOSPHATE	13	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	0.88	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	83.65	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM	15.37	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	6.91	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		4.02	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	1	2.89	gm/dL	2.30 - 3.50
A : G RATIO: SERUN		1.39	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:

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)





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

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



INTERPRETATION





	Dr. Vinay Chopra MD (Pathology & Microbiolog) Chairman & Consultant Pathol		(Pathology)
NAME	: Mr. MANOJ AGGARWAL		
AGE/ GENDER	: 58 YRS/MALE	PATIENT ID	: 1695456
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412100011
REFERRED BY	:	REGISTRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246	COLLECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Dec/2024 11:27AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CAN	NTT	
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).

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



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







	Dr. Vinay Cho MD (Pathology & M Chairman & Consu	licrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. MANOJ AGGARWAL			
AGE/ GENDER	: 58 YRS/MALE	PATI	ENT ID	: 1695456
COLLECTED BY	: SURJESH	REG.	NO./LAB NO.	: 012412100011
REFERRED BY	:	REGI	STRATION DATE	: 10/Dec/2024 09:10 AM
BARCODE NO.	: 01522246	COLL	ECTION DATE	: 10/Dec/2024 09:15AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 10/Dec/2024 11:27AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
	KIDNE	Y FUNCTION TE	ST (COMPLETE)	
UREA: SERUM		23.08	mg/dL	10.00 - 50.00
-	MATE DEHYDROGENASE (GLDH)	1.04	mg/dI	0.40 - 1.40
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM		1.04	mg/dL	0.40 - 1.40
		10.79	mg/dL	7.0 - 25.0
by CALCULATED, SPECTROPHOTOMETRY BLOOD UREA NITROGEN (BUN)/CREATININE		10.37	RATIO	10.0 - 20.0
RATIO: SERUM		10101		1010 1010
by CALCULATED, SPE UREA/CREATININ		22.19	RATIO	
by CALCULATED, SPE		22.19	KATIO	
URIC ACID: SERUM		6.25	mg/dL	3.60 - 7.70
by URICASE - OXIDAS CALCIUM: SERUM	DE FERUXIDASE	8.64	mg/dL	8.50 - 10.60
by ARSENAZO III, SPECTROPHOTOMETRY				
PHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY		3.61	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM		140.3	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV POTASSIUM: SERU		4.4	mmol/L	3 50 5 00
by ISE (ION SELECTIVE ELECTRODE)		4.4	IIIII01/ L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)		105.23	mmol/L	90.0 - 110.0
	TE ELECTRODE) IERULAR FILTERATION RATE			
	ERULAR FILTERATION RATE	83.2		
by CALCULATED				
<u>INTERPRETATION:</u> To differentiate betw	yoon pro, and post ronal azotomia			

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.



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

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







	Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist					
NAME	: Mr. MANOJ A	GGARWAL				
AGE/ GENDER	: 58 YRS/MALE	1	PATIENT ID		: 1695456	
COLLECTED BY	: SURJESH		REG. NO./LA	B NO.	:012412100011	
REFERRED BY			REGISTRAT		: 10/Dec/2024 09:1	Ο ΔΜ
BARCODE NO.	: 01522246		COLLECTION		: 10/Dec/2024 09:1	
CLIENT CODE.	: KOS DIAGNOS		REPORTING		: 10/Dec/2024 03:1	
				DATE	. 10/ Dec/ 2024 11:2	AIM .
CLIENT ADDRESS	: 6349/1, NICF	IOLSON ROAD, AMBA	ILA CANT I			
Test Name			Value	Unit	Biological	l Reference interval
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	a (BUN rises dispr superimposed or	TED CREATININE LEVE oportionately more the renal disease.		uctive uropa	athy).	
INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 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 the ESTIMATED GLOMERI OKD STAGE	20:1) WITH ELEVA a (BUN rises dispr superimposed of 10:1) WITH DECRE rosis. and starvation. e. creased urea syn (urea rather than imonemias (urea of inappropiate al 10:1) WITH INCRE apy (accelerates c eleases muscle c who develop ren creased BUN/cre rapy (interferes w JLAR FILTERATION	cocorticoids) TED CREATININE LEVE oportionately more the n renal disease. CASED BUN : thesis. creatinine diffuses of is virtually absent in level ntidiuretic harmone) of ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). vith creatinine measure IRATE: DESCRIPTION	LS: han creatinine) (e.g. obsti- ut of extracellular fluid). blood). due to tubular secretion of to creatinine). e in creatinine with certain rement). GFR (mL/min/1.73m	f urea. n methodolo	ogies,resulting in norma	al ratio when dehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 8. Phenacimide thera 9. Rhabdomyolysis (r 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido 5. Nould produce an in 2. Cephalosporin the ESTIMATED GLOMERI CKD STAGE G1	20:1) WITH ELEVA a (BUN rises dispr superimposed of 10:1) WITH DECRE rosis. and starvation. e. creased urea syn (urea rather than monemias (urea of inappropiate al 10:1) WITH INCRE apy (accelerates c releases muscle c who develop ren creased BUN/cre rapy (interferes w JLAR FILTERATION Norr	cocorticoids) TED CREATININE LEVE oportionately more the n renal disease. CASED BUN : thesis. creatinine diffuses of is virtually absent in level ntidiuretic harmone) of ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). with creatinine measure IRATE: DESCRIPTION nal kidney function	LS: han creatinine) (e.g. obsti- ut of extracellular fluid). blood). due to tubular secretion of to creatinine). e in creatinine with certain rement). GFR (mL/min/1.73m >90	f urea. n methodolo 2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria	al ratio when dehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 8. Phenacimide thera 9. Rhabdomyolysis (r 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin the ESTIMATED GLOMERI 0. CKD STAGE	20:1) WITH ELEVA a (BUN rises dispr superimposed of 10:1) WITH DECRE rosis. and starvation. e. creased urea syn (urea rather than monemias (urea of inappropiate an 10:1) WITH INCRE apy (accelerates c releases muscle c who develop ren creased BUN/cre rapy (interferes w JLAR FILTERATION Norr Kic	cocorticoids) TED CREATININE LEVE oportionately more the n renal disease. ASED BUN : thesis. creatinine diffuses of is virtually absent in level notidiuretic harmone) of ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). vith creatinine measure IRATE: DESCRIPTION nal kidney function Iney damage with	LS: han creatinine) (e.g. obsti- ut of extracellular fluid). blood). due to tubular secretion of to creatinine). e in creatinine with certain rement). GFR (mL/min/1.73m	f urea. n methodolo 2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 8. Phenacimide thera 9. Rhabdomyolysis (r 8. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido 5. Nould produce an in 2. Cephalosporin the ESTIMATED GLOMERI CKD STAGE G1	20:1) WITH ELEVA a (BUN rises dispr superimposed of 10:1) WITH DECRE rosis. and starvation. e. creased urea syn (urea rather than monemias (urea of inappropiate an 10:1) WITH INCRE apy (accelerates c releases muscle c who develop ren creased BUN/cre rapy (interferes w JLAR FILTERATION Norr Kic no	cocorticoids) TED CREATININE LEVE oportionately more the n renal disease. CASED BUN : thesis. creatinine diffuses of is virtually absent in level ntidiuretic harmone) of ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). with creatinine measure IRATE: DESCRIPTION nal kidney function	LS: han creatinine) (e.g. obsti- ut of extracellular fluid). blood). due to tubular secretion of to creatinine). e in creatinine with certain rement). GFR (mL/min/1.73m >90	f urea. n methodolo 2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria	al ratio when dehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido 5. Nould produce an in 2. Cephalosporin the <u>ESTIMATED GLOMERI</u> <u>CKD STAGE</u> <u>G1</u> <u>G2</u> <u>G3a</u> <u>G3b</u>	20:1) WITH ELEVA a (BUN rises dispr superimposed of 10:1) WITH DECRE rosis. and starvation. e. creased urea syn (urea rather than monemias (urea of inappropiate an 10:1) WITH INCRE upy (accelerates c releases muscle c who develop ren creased BUN/cre rapy (interferes w JLAR FILTERATION Norr Kic no Mode	thesis. creatinine diffuses o is virtually absent in l a faseD BUN : ASED BUN : ASED BUN : ASED CREATININE: onversion of creatine reatinine). al failure. CASED CREATININE: onversion of creatine reatinine ratio). ASED CREATININE: onversion of creatine reatinine ratio. ASED CREATININE: onversion of creatine reatinine ratio. ASED CREATININE: DESCRIPTION mal kidney function Iney damage with rmal or high GFR d decrease in GFR rate decrease in GFR	LS: han creatinine) (e.g. obsti- ut of extracellular fluid). blood). due to tubular secretion of to creatinine). e in creatinine with certain ement). GFR (mL/min/1.73m >90 >90 60 -89 30-59	f urea. n methodolo 2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydrat
NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet al 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis 5. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients NAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin the ESTIMATED GLOMERI CKD STAGE G1 G2 G3a	20:1) WITH ELEVA a (BUN rises dispr superimposed of 10:1) WITH DECRE rosis. and starvation. e. creased urea syn (urea rather than monemias (urea of inappropiate an 10:1) WITH INCRE upy (accelerates c releases muscle c who develop ren creased BUN/cre rapy (interferes w JLAR FILTERATION Norr Kic not Seve	cocorticoids) TED CREATININE LEVE oportionately more the n renal disease. ASED BUN : thesis. creatinine diffuses of is virtually absent in lest notidiuretic harmone) of ASED CREATININE: onversion of creatine reatinine). al failure. causes false increase atinine ratio). rith creatinine measure IRATE: DESCRIPTION mal kidney function Iney damage with rmal or high GFR d decrease in GFR	LS: han creatinine) (e.g. obsti- ut of extracellular fluid). blood). due to tubular secretion of to creatinine). e in creatinine with certain ement). GFR (mL/min/1.73m >90 >90 60 -89	f urea. n methodolo 2) AS	ogies,resulting in norma SOCIATED FINDINGS No proteinuria resence of Protein ,	al ratio when dehydrat



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

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







Test Name		Value Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	BALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Dec/2024 11:27AM
BARCODE NO.	:01522246	COLLECTION DATE	: 10/Dec/2024 09:15AM
REFERRED BY	:	REGISTRATION DATE	: 10/Dec/2024 09:10 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412100011
AGE/ GENDER	: 58 YRS/MALE	PATIENT ID	: 1695456
NAME	: Mr. MANOJ AGGARWAL		
	Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology) MI	m Chopra D (Pathology) nt Pathologist

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

End Of Report ***





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

