

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chop ra MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. MANJIT KAUR : 85 YRS/FEMALE : SURJESH : : 01523198 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB.	ALA CANTT	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1711630 : 012412300010 : 30/Dec/2024 10:20 AM : 30/Dec/2024 10:38AM : 30/Dec/2024 10:47AM
Test Name		Value	Unit	Biological Reference interval
RED BLOOD CELLS HAEMOGLOBIN (HI	(RBCS) COUNT AND INDICES	PLETE BL 10.1 ^L	OOD COUNT (CBC) gm/dL	12.0 - 16.0
by CALORIMETRIC		3.6	Millions	
PACKED CELL VOLU		31.7 ^L	%	37.0 - 50.0
MEAN CORPUSCUL		88	fL	80.0 - 100.0
MEAN CORPUSCUL	UTOMATED HEMATOLOGY ANALYZER AR HAEMOGLOBIN (MCH)	28.1	pg	27.0 - 34.0
MEAN CORPUSCUL	UTOMATED HEMATOLOGY ANALYZER AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	31.9 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIB	JTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	14	%	11.00 - 16.00
RED CELL DISTRIBU	JTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	46.1	fL	35.0 - 56.0
MENTZERS INDEX		24.44	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND by CALCULATED		34.28	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEI TOTAL LEUCOCYTE		11440H	/cmm	4000 - 11000
by flow cytometry NUCLEATED RED B	BY SF CUBE & MICROSCOPY LOOD CELLS (nRBCS) THEMATOLOGY ANALYZER	11440^H NIL		0.00 - 20.00
NUCLEATED RED B	LOOD CELLS (nRBCS) % UTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. MANJIT KAUR AGE/ GENDER : 85 YRS/FEMALE **PATIENT ID** :1711630 **COLLECTED BY** : SURJESH :012412300010 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 30/Dec/2024 10:20 AM : **BARCODE NO.** :01523198 **COLLECTION DATE** : 30/Dec/2024 10:38AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 30/Dec/2024 10:47AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 80^H % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 16^L % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS OL % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 4 % 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 2000 - 7500 9152^H /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1830 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 0^L ABSOLUTE EOSINOPHIL COUNT /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 458 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 276000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.22 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 8 fL. 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 36000 30000 - 90000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 12.9% 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) % 15.715.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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Fest Name		Value	Unit	Biological Reference interval
	ERYTHRO	CYTE SEDIM	ENTATION RATE (1	ESR)
2. An ESR can be affe is C-reactive protein 5. This test may also ystemic lupus erythe CONDITION WITH LON A low ESR can be see polycythaemia), sigr is sickle cells in sickl NOTE: . ESR and C - reactive . Generally, ESR doe 8. CRP is not affected 4. If the ESR is elevative . Women tend to ha b. Drugs such as dext	be used to monitor disease activity ematosus W ESR n with conditions that inhibit the n ificantly high white blood cell cour e cell anaemia) also lower the ESR e protein (C-RP) are both markers o s not change as rapidly as does CRF by as many other factors as is ESR, ed, it is typically a result of two typ ye a bigher ESR, and menstruation a	flammation. For t and response to ormal sedimenta nt (leucocytosis) , c. of inflammation. P, either at the sta making it a better waking it a better and progenancy ca	his reason, the ESR is ty therapy in both of the a tion of red blood cells, so and some protein abno art of inflammation or as marker of inflammatior obulins or fibrinogen. In cause temporary eleva	bically used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (such s it resolves.





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Test Name		Value	Unit	Biological Reference interval
	CLINI	CAL CHEMISTR GLUCOSE FA		TRY
GLUCOSE FASTING by glucose oxidas	E (F): PLASMA E - PEROXIDASE (GOD-POD)	104.17 ^H	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0

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	Biological Reference interval
		LIPID PROFII	LE : BASIC	
HOLESTEROL TO	TAL: SERUM	165.98	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OX			0	BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				240.0
RIGLYCERIDES: S		78.51	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSP	HATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
		00.04	(11	VERY HIGH: $> OR = 500.0$
by SELECTIVE INHIBIT	L (DIRECT): SERUM	60.94	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0
				60.0
	CEDIN	00.04	. / 11	HIGH HDL: $> OR = 60.0$
DL CHOLESTEROI by CALCULATED, SPE		89.34	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
ION HDL CHOLEST		105.04	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPE	CIROPHOIOMEIRY			ABOVE OPTIMAL: 130.0 - 159. BORDERLINE HIGH: 160.0 -
				189.0
				HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
LDL CHOLESTER	DL: SERUM	15.7	mg/dL	0.00 - 45.00
by CALCULATED, SPE	CTROPHOTOMETRY			
OTAL LIPIDS: SER by calculated, spe		410.47	mg/dL	350.00 - 700.00
HOLESTEROL/HD	L RATIO: SERUM	2.72	RATIO	LOW RISK: 3.30 - 4.40
by CALCULATED, SPE	CIROPHOIOMETRY			AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0
				$1000 \pm 1001 \pm 1001$, $1.10 - 11.0$

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LDL/HDL RATIO: S by CALCULATED, SPE		1.47	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	1.29 ^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.

3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues. 4. NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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Test Name		Value	Unit	Biological Reference interval
BILIRUBIN TOTAL		FUNCTIO 0.46	N TEST (COMPLETE) mg/dL	INFANT: 0.20 - 8.00
	PECTROPHOTOMETRY	0.40	ilig/ uL	ADULT: 0.00 - 1.20
	Г (CONJUGATED): SERUM spectrophotometry	0.14	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	ECT (UNCONJUGATED): SERUM	0.32	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		17.36	U/L	7.00 - 45.00
SGPT/ALT: SERUN	[/RIDOXAL PHOSPHATE	18.96	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM ECTROPHOTOMETRY	0.92	RATIO	0.00 - 46.00
ALKALINE PHOSP by para nitrophen propanol	HATASE: SERUM IYL PHOSPHATASE BY AMINO METHYL	106.31	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM PHTOMETRY	2.33	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.34	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		3.93	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPI	I ECTROPHOTOMETRY	2.41	gm/dL	2.30 - 3.50
A : G RATIO: SERU	M ECTROPHOTOMETRY	1.63	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 FUNCTION	TEST (COMPLETE)	
UREA: SERUM	IATE DEHYDROGENASE (GLDH)	36.08	mg/dL	10.00 - 50.00
CREATININE: SERU	JM	0.92	mg/dL	0.40 - 1.20
-	OGEN (BUN): SERUM	16.86	mg/dL	7.0 - 25.0
BLOOD UREA NITE RATIO: SERUM by Calculated, spe	COGEN (BUN)/CREATININE	18.33	RATIO	10.0 - 20.0
UREA/CREATININ by CALCULATED, SPE	E RATIO: SERUM	39.22	RATIO	
URIC ACID: SERUM	[4.25	mg/dL	2.50 - 6.80
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	9.65	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE by PHOSPHOMOLYBE	ERUM DATE, SPECTROPHOTOMETRY	3.95	mg/dL	2.30 - 4.70
<u>ELECTROLYTES</u>				
SODIUM: SERUM by ISE (ION SELECTIV		137.6	mmol/L	135.0 - 150.0
POTASSIUM: SERUE by ISE (ION SELECTIV	Μ	3.82	mmol/L	3.50 - 5.00
CHLORIDE: SERUM	1	103.2	mmol/L	90.0 - 110.0
ESTIMATED GLOM	IERULAR FILTERATION RATE			
(eGFR): SERUM by CALCULATED INTERPRETATION:	ERULAR FILTERATION RATE een pre- and post renal azotemia.	61		

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

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

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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Test Name			Value	U	nit	Biolo	gical Ref	erence int	erval
7. Urine reabsorption 3. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1	ass (subnorma tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed	lostomy) I creatinine production ucocorticoids) / ATED CREATININE LE proportionately more on renal disease.	/ELS:	nine) (e.g. obstructiv	ve uropathy).			
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia 	(e.g. ureter co ass (subnorma tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DEC osis. d starvation. creased urea s urea rather tha monemias (urea f inappropiate 0:1) WITH INCF oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO	I creatinine production ucocorticoids) (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE: antidiuretic harmone (CREASED CREATININE: conversion of creating creatinine). enal failure. (Creatinine). enal failure. (Creatinine ratio). (Creatinine ratio). (Creatinine ratio). (Creatinine meating). (Creatinine meating). (Creatinine meating). (Creatinine meating). (Creatinine meating). (Creatinine meating). (Creatinine meating). (Creating function (Creating function). (Creating function).	/ELS: than creating out of extrains n blood). due to tube the to creating ase in creating surement). GFR (cellular fluid). ular secretion of ure ine).	a. thodologie		S	o when del	hydrat
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Rhabdomyolysis (ro Rhabdomyolysis (ro NAPPROPIATE RATIO Diabetic ketoacido hould produce an inc CED STAGE G1 G2	(e.g. ureter co ass (subnorma tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DEC osis. d starvation. creased urea s urea rather tha monemias (urea f inappropiate 0:1) WITH INCF oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO	I creatinine production ucocorticoids) (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE: antidiuretic harmone (ATED CREATININE: antidiuretic harmone (CREASED CREASED CREA	/ELS: than creating out of extrains n blood). due to tube the to creating ase in creating surement). GFR (cellular fluid). ular secretion of ure ine). nine with certain me <u>mL/min/1.73m2)</u> >90 >90	a. thodologie	s,resulting in n CIATED FINDING o proteinuria	iS	o when del	nydraf
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Rhabdomyolysis (re Rhabdomyolysis (re Rhabdomyolysis (re Rhabdomyolysis (re Repeated components NAPPROPIATE RATIO Diabetic ketoacido hould produce an infe CED STAGE G1 G2	(e.g. ureter co ass (subnorma tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DEC osis. d starvation. creased urea so urea rather tha monemias (urea f inappropiate 0:1) WITH INCF oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c asis (acetoaceta creased BUN/c	I creatinine production ucocorticoids) (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE: and creatinine diffuses) (ATED CREATININE: antidiuretic harmone (CREASED CREATINI	/ELS: e than creating out of extrained n blood). e) due to tube the to creating extra creating ase in creating ourement). GFR (cellular fluid). ular secretion of ure ine). nine with certain me <u>mL/min/1.73m2)</u> >90 >90 60 -89	a. thodologie	s,resulting in n CIATED FINDING o proteinuria ence of Protein	iS	o when deł	nydrat
 Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necro Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Phenacimide thera Rabdomyolysis (ro Muscular patients NAPPROPIATE RATIO Diabetic ketoacido should produce an info Cephalosporin ther ESTIMATED GLOMERU G1 G2 	(e.g. ureter co ass (subnorma tetracycline, gl 0:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DEC osis. d starvation. creased urea so urea rather tha monemias (urea f inappropiate 0:1) WITH INCF oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c ass (acetoaceta)	I creatinine production ucocorticoids) (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE LE proportionately more on renal disease. REASED BUN : (ATED CREATININE: antidiuretic harmone (ATED CREATININE: antidiuretic harmone (CREASED CREASED CREA	/ELS: e than creating out of extrained n blood). e) due to tube the to creating extra creating ase in creating ourement). GFR (cellular fluid). ular secretion of ure ine). nine with certain me <u>mL/min/1.73m2)</u> >90 >90	a. thodologie	s,resulting in n CIATED FINDING o proteinuria ence of Protein	iS	o when def	nydrat





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

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









ULIENI ADDRESS	: 6349/1, NICHOLSON ROAD, A	IVIDALA UANTI	
CLIENT ADDRESS	· 6240/1 NICHOLSON DOAD A	MDALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 30/Dec/2024 12:19PM
BARCODE NO.	: 01523198	COLLECTION DATE	: 30/Dec/2024 10:38AM
REFERRED BY	:	REGISTRATION DATI	E : 30/Dec/2024 10:20 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	:012412300010
AGE/ GENDER	: 85 YRS/FEMALE	PATIENT ID	: 1711630
NAME	: Mrs. MANJIT KAUR		
	Chairman & Consi		
	Dr. Vinay Cho MD (Pathology & I		am Chopra MD (Pathology)

COMMENTS:

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

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

ADVICE:

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





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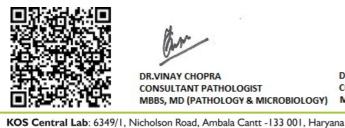


NAME	: Mrs. MANJIT KAUR				
AGE/ GENDER	: 85 YRS/FEMALE	PAT	ENT ID	: 1711630	
COLLECTED BY	: SURJESH	REG	NO./LAB NO.	: 012412300010	
REFERRED BY	:	REG	STRATION DATE	: 30/Dec/2024 10:20 AM	
BARCODE NO.	: 01523198	COL	ECTION DATE	: 30/Dec/2024 10:38AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	DRTING DATE	: 30/Dec/2024 11:57AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MDALA CANTT			
	. 0343/ 1, Menelson Rond, /	AWIDALA CAN'I I			
Test Name		Value	Unit	Biological Reference inter	rval
					rval
	IMM	Value	GY/SEROLOGY		rval

KOS Diagnostic Lab (A Unit of KOS Healthcare)

and the recovery being earlier than ESR. Unlike ESR, CRP levels are not influenced by hematologic conditions like Anemia, Polycythemia etc., 5. Elevated values are consistent with an acute inflammatory process. NOTE:

Elevated C-reactive protein (CRP) values are nonspecific and should not be interpreted without a complete clinical history.
 Oral contraceptives may increase CRP levels.





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





	Dr. Vinay Ch MD (Pathology & Chairman & Cor			ugam Chopra MD (Pathology sultant Pathologis)
NAME	: Mrs. MANJIT KAUR				
AGE/ GENDER	: 85 YRS/FEMALE		PATIENT ID	: 17116	30
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:0124	12300010
REFERRED BY	:		REGISTRATION DA		c/2024 10:20 AM
BARCODE NO.	: 01523198		COLLECTION DATE		c/2024 10:38AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD,		REPORTING DATE	: 30/De	c/2024 12:39PM
	. 0040/ 1, MonoLSon Rond,				
Test Name		Value	Unit	t	Biological Reference interval
		CLINICAL	PATHOLOGY		
	URINE RO		ROSCOPIC EXA	MINATION	
PHYSICAL EXAMIN					
QUANTITY RECIEVED		10	ml		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		PALE YEI	LOW		PALE YELLOW
		HAZY			CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		1.02			1.002 - 1.030
CHEMICAL EXAMI					
REACTION		ALKALIN	Е		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SUGAR		1+			NEGATIVE (-ve)
		Negative			NEGATIVE (-ve)
5 C 41 110	TANCE SPECTROPHOTOMETRY				
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	7.5			5.0 - 7.5
BILIRUBIN		Negative			NEGATIVE (-ve)
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative			NEGATIVE (-ve)
•	TANCE SPECTROPHOTOMETRY.		FIL	τ ι / γ	0.0 1.0
UROBILINOGEN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Normal	EU/	aL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		Negative			NEGATIVE (-ve)
BLOOD		1+			NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	NEGATIV	E (-ve)		NEGATIVE (-ve)
,	TANCE SPECTROPHOTOMETRY				
MICROSCOPIC EXA RED BLOOD CELLS		10-12	/HF	0Ê	0 - 3
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		10-16	/ 111		0 0

77



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



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

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	N ROAD, AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
PUS CELLS by MICROSCOPY ON (CENTRIFUGED URINARY SEDIMENT	6-8	/HPF	0 - 5	
EPITHELIAL CELLS	S CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	ABSENT	
CRYSTALS		NECATIVE (-ve)		NECATIVE (-ve)	

by MICROCOUNT ON CENTRAL COLD CRAMATCH CEDIMENT		
CRYSTALS	NEGATIVE (-ve)	NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		
CASTS	NEGATIVE (-ve)	NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		
BACTERIA	NEGATIVE (-ve)	NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		
OTHERS	NEGATIVE (-ve)	NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		
TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT	ABSENT

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

** End Of Report ***



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