

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)		Yugam Cl MD (Patl nsultant Path	hology)
NAME	: Mrs. MEENAKSHI				
AGE/ GENDER	: 35 YRS/FEMALE		PATIENT ID	:	1793409
COLLECTED BY	: SURJESH		REG. NO./LAB NO	). :	012503160037
<b>REFERRED BY</b>	:		<b>REGISTRATION D</b>	DATE :	16/Mar/2025 09:59 AM
BARCODE NO.	: 01527188		COLLECTION DAT		16/Mar/2025 10:08AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DAT	Е :	16/Mar/2025 10:20AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT			
Test Name		Value	Un	nit	<b>Biological Reference interval</b>
	SWA ST		LLNESS PANE	<b>π.10</b>	
			OOD COUNT (C		
RED BLOOD CELL	<u>S (RBCS) COUNT AND INDICES</u>	LLIEDL		<b>.</b> ()	
HAEMOGLOBIN (H		13.5	øn	n/dL	12.0 - 16.0
by CALORIMETRIC			Ŭ		
RED BLOOD CELL (	RBC) COUNT	4.72	M	illions/cm	m 3.50 - 5.00
PACKED CELL VOLU	UME (PCV)	41.7	%	)	37.0 - 50.0
by CALCULATED BY A MEAN CORPUSCUL	UTOMATED HEMATOLOGY ANALYZER AR VOLUME (MCV)	88.3	fL		80.0 - 100.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				
	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	28.6	pg	5	27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	32.4	g/	/dL	32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV)	13.3	%	)	11.00 - 16.00
	UTOMATED HEMATOLOGY ANALYZER UTION WIDTH (RDW-SD)	44.4	fL		35.0 - 56.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				
MENTZERS INDEX by CALCULATED		18.71	RA	ATIO	BETA THALASSEMIA TRAIT: < 13.0
					IRON DEFICIENCY ANEMIA:
GREEN & KING INI	)EV	24.88	П	ATIO	>13.0 BETA THALASSEMIA TRAIT:<=
by CALCULATED	JEX	24.00	<b>K</b> <i>F</i>	ATIO	65.0
					IRON DEFICIENCY ANEMIA: >
WHITE BLOOD CE	LLS (WBCS)				65.0
TOTAL LEUCOCYTE		8960		cmm	4000 - 11000
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY		/ / /		
	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL			0.00 - 20.00
NUCLEATED RED E	BLOOD CELLS (nRBCS) %	NIL	%	)	< 10 %
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				





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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mrs. MEENAKSHI NAME AGE/ GENDER : 35 YRS/FEMALE **PATIENT ID** :1793409 **COLLECTED BY** : SURJESH :012503160037 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 16/Mar/2025 09:59 AM : **BARCODE NO.** :01527188 **COLLECTION DATE** :16/Mar/2025 10:08AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :16/Mar/2025 10:20AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 50 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 32 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 12<sup>H</sup> % 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 **IMMATURE GRANULOCTE (IG) %** 0 % 0 - 5.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 4480 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 800 - 4900 2867 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 1075<sup>H</sup> 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 538 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 0 - 110 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE IMMATURE GRANULOCYTE COUNT 0 /cmm 0.0 - 999.0 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. 150000 - 450000 PLATELET COUNT (PLT) 203000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.33 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 16<sup>H</sup> MEAN PLATELET VOLUME (MPV) fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) 136000<sup>H</sup> /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 67.2<sup>H</sup> % 11.0 - 45.0

PLATELET LARGE CELL KATTO (P-LCK) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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	Dr. Vinay Cho MD (Pathology & N Chairman & Consu	1icrobiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	<b>Biological Reference interval</b>
	BUTION WIDTH (PDW) FOCUSING, ELECTRICAL IMPEDENCE	16.1	%	15.0 - 17.0

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 16/Mar/2025 11:14AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
by RED CELL AGGREG <b>NTERPRETATION:</b> . ESR is a non-specif nmune disease, but . An ESR can be affe s C-reactive protein	does not tell the health practition cted by other conditions besides	t often indicates the ner exactly where th inflammation. For th	e inflammation is in the is reason, the ESR is ty	tion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such
ystemic lupus erythe CONDITION WITH LOV A low ESR can be see polycythaemia), sigr is sickle cells in sickl IOTE: . ESR and C - reactive . Generally, ESR doe 5, CRP is not affected	ematosus <b>N ESR</b> n with conditions that inhibit the ificantly high white blood cell co e cell anaemia) also lower the ES e protein (C-RP) are both markers s not change as rapidly as does C by as many other factors as is ESI	normal sedimentati unt (leucocytosis) , a SR. of inflammation. RP, either at the sta <b>3. making it a better</b>	on of red blood cells, s and some protein abno rt of inflammation or a <b>marker of inflammatio</b>	above diseases as well as some others, such as such as a high red blood cell count prmalities. Some changes in red cell shape (such s it resolves. <b>n</b> .
<ol> <li>Women tend to ha Drugs such as dext</li> </ol>	ed, it is typically a result of two ty ve a higher ESR, and menstruatio ran, methyldopa, oral contracept d quinine may decrease it	n and pregnancy can	cause temporary eleva	ations. Illine, and vitamin A can increase ESR, while





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLINI	CAL CHEMISTR GLUCOSE FA		'nY
GLUCOSE FASTING	G (F): PLASMA e - peroxidase (god-pod)	97.61	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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Test Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PROI	FILE : BASIC	
CHOLESTEROL TO by CHOLESTEROL O		181.43	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR =
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	100.42	mg/dL	240.0 OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTERO	L (DIRECT): SERUM 10N	41.96	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0
LDL CHOLESTERO by CALCULATED, SPE		119.39	mg/dL	HIGH HDL: > OR = 60.0 OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0
NON HDL CHOLES' by calculated, spe		139.47 <sup>H</sup>	mg/dL	HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0 OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER		20.08	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
by CALCULATED, SPE TOTAL LIPIDS: SEE by CALCULATED, SPE		463.28	mg/dL	350.00 - 700.00
CHOLESTEROL/HI	DL RATIO: SERUM	4.32	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0

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Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by CALCULATED, SPE		2.85	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	2.39 <sup>L</sup>	RATIO	3.00 - 5.00

## **INTERPRETATION:**

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

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

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

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





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Test Name		Value	Unit	Biological Reference interval
BILIRUBIN DIRECT by DIAZO MODIFIED, S BILIRUBIN INDIRE by CALCULATED, SPE SGOT/AST: SERUM	PECTROPHOTOMETRY C (CONJUGATED): SERUM SPECTROPHOTOMETRY CT (UNCONJUGATED): SERUM ECTROPHOTOMETRY	0.53 0.15 0.38 <b>106.5<sup>H</sup></b>	mg/dL mg/dL mg/dL U/L	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20 0.00 - 0.40 0.10 - 1.00 7.00 - 45.00
SGPT/ALT: SERUM		215.6 <sup>H</sup>	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	0.49	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	197.5 <sup>H</sup>	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	159.52 <sup>H</sup>	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		7.72	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G	REEN	4.31	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	3.41	gm/dL	2.30 - 3.50
A : G RATIO: SERUN by CALCULATED, SPE		1.26	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:**

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 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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0 3001 . 2000 OLAI				
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	KIDN	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		25.1	mg/dL	10.00 - 50.00
by UREASE - GLUTAN CREATININE: SER	NATE DEHYDROGENASE (GLDH)	0.99	mg/dL	0.40 - 1.20
by ENZYMATIC, SPEC		0.99	iiig/ uL	0.40 - 1.20
	ROGEN (BUN): SERUM	11.73	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	11.85	RATIO	10.0 - 20.0
RATIO: SERUM				
by CALCULATED, SPE UREA/CREATININ	ECTROPHOTOMETRY F PATIO: SERUM	25.35	RATIO	
	ECTROPHOTOMETRY	20.00	KATIO	
URIC ACID: SERUM		4.47	mg/dL	2.50 - 6.80
by URICASE - OXIDAS CALCIUM: SERUM	DEFERUNIDASE	9.94	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE				
PHOSPHOROUS: SI by PHOSPHOMOLYBL	ERUM DATE, SPECTROPHOTOMETRY	2.72	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM		135.1	mmol/L	135.0 - 150.0
by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM		3.99	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVE ELECTRODE)		3.33	IIIIIOI/ L	3.30 - 3.00
CHLORIDE: SERUN		101.32	mmol/L	90.0 - 110.0
by ISE (ION SELECTIN ESTIMATED GLON	TERULAR FILTERATION RATE			
	ERULAR FILTERATION RATE	76.3		
(eGFR): SERUM				
by CALCULATED INTERPRETATION:				
	icon 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.



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CLIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD, AM	BALA CANTT					
Fest Name			Value	Ur	uit	Biolog	ical Referenc	e interva
burns, surgery, cache. 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia 2. Prerenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular perr	kia, high fever) (e.g. ureter col ass (subnorma tetracycline, gl D:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DEC	ostomy) creatinine productic ucocorticoids) <b>ATED CREATININE LEV</b> proportionately more on renal disease.	n) <b>/ELS</b> :	n, GI bleeding, thy ne) (e.g. obstructive		ushing s synu	rome, mgn pro	otein diet,
7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>NCREASED RATIO (&gt;2</b> 1. Postrenal azotemia 2. Prerenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis ( 6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. <b>DECREASED RATIO (&lt;1</b> 1. Phenacimide thera 2. Rhabdomyolysis (ref 3. Muscular patients of <b>NAPPROPIATE RATIO</b> 1. Diabetic ketoacidos 5. hould produce an ind 2. Cephalosporin ther <b>ESTIMATED GLOMERU</b> <b>CKD STAGE</b> <b>G1</b>	kia, high fever) (e.g. ureter col ass (subnorma tetracycline, gl <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>0:1) WITH DEC</b> osis. d starvation. creased urea sy urea rather tha nonemias (urea f inappropiate <b>0:1) WITH INCF</b> oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATIO	ostomy) creatinine productio ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : an creatinine diffuses a is virtually absent i antidiuretic harmone REASED CREATININE: conversion of creatin creatinine). enal failure. te causes false increat reatinine ratio). with creatinine meas DN RATE: DESCRIPTION rmal kidney function	n) <b>FELS:</b> than creatinin out of extrace h blood). ) due to tubula ne to creatining se in creatining urement).	e) (e.g. obstructive ellular fluid). ar secretion of urea	e uropathy). a. thodologies,r ASSOCIA No p	esulting in no TED FINDINGS Toteinuria	rmal ratio whe	
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7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. 11. Postrenal azotemia 22. Prerenal azotemia 23. Prerenal azotemia 24. Other tubular necro 25. Low protein diet ar 26. Compose diver disease 27. Other causes of der 27. SIADH (syndrome of 28. Pregnancy. 19. Phenacimide theral 20. Rhabdomyolysis (ref 29. Rhabdomyolysis (ref 20. Muscular patients of 20. Muscular patients of 20. Cephalosporin ther 20. Cephalosporin ther 20. Cephalosporin ther 20. CEN STAGE 20. G1 20. G2	kia, high fever) (e.g. ureter col ass (subnorma tetracycline, gl <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>0:1) WITH DEC</b> osis. d starvation. creased urea surea rather that nonemias (urea f inappropiate <b>0:1) WITH INCF</b> oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/c apy (interferes LAR FILTERATION NOT	ostomy) creatinine productio ucocorticoids) ATED CREATININE LEV proportionately more on renal disease. REASED BUN : unthesis. an creatinine diffuses a is virtually absent i antidiuretic harmone REASED CREATININE: conversion of creatin creatinine). enal failure. te causes false increat reatinine ratio). with creatinine mease DN RATE: DESCRIPTION rmal kidney function idney damage with normal or high GFR	n) <b>/ELS:</b> than creatinin out of extrace n blood). ) due to tubula ne to creatinine urement). GFR (mine)	e) (e.g. obstructive ellular fluid). ar secretion of urea e). e with certain me <u>L/min/1.73m2 ) &gt;90 &gt;90</u>	e uropathy). a. thodologies,r ASSOCIA No p Presenc	esulting in no TED FINDINGS Toteinuria e of Protein ,	rmal ratio whe	





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

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





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CLIENT ADDRESS	. 0349/1, MCHOLSON KOAD, AMD		
	: 6349/1. NICHOLSON ROAD, AMBA	ALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 16/Mar/2025 12:43PM
BARCODE NO.	: 01527188	COLLECTION DATE	: 16/Mar/2025 10:08AM
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 16/Mar/2025 09:59 AM
COLLECTED BY	: SURJESH	<b>REG. NO./LAB NO.</b>	: 012503160037
AGE/ GENDER	: 35 YRS/FEMALE	PATIENT ID	: 1793409
NAME	: Mrs. MEENAKSHI		
	<b>Dr. Vinay Chopra</b> MD (Pathology & Micro Chairman & Consultan	obiology) MD	n Chopra 9 (Pathology) t 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



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







Dr. Vinay Ch MD (Pathology & Chairman & Cor				D (Pathology)		
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CLIENT CODE.	: KOS DIAGNOSTIC LAB		PORTING DATE	: 16/Mar/2025 12:45PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, J	AMBALA CANTT				
Test Name		Value	Unit	Biological Reference interval		
		CLINICAL PA	THOLOCY			
	URINE RO		SCOPIC EXAMINA	ATION		
PHYSICAL EXAMI		CINL & MICKO				
QUANTITY RECIEV		10	ml			
	TANCE SPECTROPHOTOMETRY		0111			
COLOUR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	AMBER YELL	UW	PALE YELLOW		
	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR		
SPECIFIC GRAVITY		1.01		1.002 - 1.030		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY					
REACTION	INATION	ACIDIC				
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY					
PROTEIN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)		
SUGAR		Negative		NEGATIVE (-ve)		
pH	TANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	N				
BILIRUBIN by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)		
NITRITE	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)		
UROBILINOGEN	TANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0		
by DIP STICK/REFLEC KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NECATIVE (NO)		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Ũ		NEGATIVE (-ve)		
BLOOD by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)		
ASCORBIC ACID		NEGATIVE (-v	ve)	NEGATIVE (-ve)		
by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY AMINATION					
RED BLOOD CELLS		NEGATIVE (-v	ve) /HPF	0 - 3		



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.







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



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

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Test Name	Valu	le Unit	Biological Reference interval

by mentedder i enteentrin ddeb erning i debinerti				
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/HPF	0 - 5	
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	4-6	/HPF	ABSENT	
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT	

\*\* End Of Report \*\*\*



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