

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)		Pathology)	
NAME	: Mrs. RAMESHWARI SHARMA				
AGE/ GENDER	: 78 YRS/FEMALE		PATIENT ID	: 1687460	
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:01241201	0019
REFERRED BY	:		REGISTRATION DATE	:01/Dec/202	24 09:57 AM
BARCODE NO.	: 01521787		COLLECTION DATE	:01/Dec/202	24 10:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:01/Dec/202	24 10:42AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	ALA CANTT			
Test Name		Value	Unit	Bio	logical Reference interval
			LLNESS PANEL: 1.5		
		'LETE BL	OOD COUNT (CBC)		
	(RBCS) COUNT AND INDICES		/ 3-	10	0 10 0
HAEMOGLOBIN (HI	3)	11.2 ^L	gm/dL	12.	0 - 16.0
RED BLOOD CELL (I		3.89	Millions/o	cmm 3.5	0 - 5.00
PACKED CELL VOLU	OCUSING, ELECTRICAL IMPEDENCE	34.3 ^L	%	37.	0 - 50.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER				
MEAN CORPUSCULA by CALCULATED BY A	AR VOLUME (MCV) UTOMATED HEMATOLOGY ANALYZER	88.1	fL	80.	0 - 100.0
	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	28.2	pg	27.	0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	32 ^L	g/dL	32.	0 - 36.0
	JTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	13.8	%	11.	00 - 16.00
RED CELL DISTRIBU	JTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	45.5	fL	35.	0 - 56.0
MENTZERS INDEX by CALCULATED		22.65	RATIO	13.	ON DEFICIENCY ANEMIA:
GREEN & KING IND by calculated	EX	30.61	RATIO	65. IRC	N DEFICIENCY ANEMIA: >
WHITE BLOOD CEI	LLS (WBCS)			65.	U
TOTAL LEUCOCYTE		6930	/cmm	400	00 - 11000
NUCLEATED RED B	LOOD CELLS (nRBCS) THEMATOLOGY ANALYZER	NIL		0.0	0 - 20.00
NUCLEATED RED B	LOOD CELLS (nRBCS) % UTOMATED HEMATOLOGY ANALYZER	NIL	%	< 1	0 %





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MD (Pathology & Microbiology) Chairman & Consultant Pathologist

Dr. Vinay Chopra



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

NAME	: Mrs. RAMESHWARI SHARMA		
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Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	55	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	25	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	13 ^H	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0 ^H	%	0 - 1
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	3812	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1732	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	901 ^H	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	485	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	216000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.27	%	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	91000 ^H	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	42.3	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	15.9	%	15.0 - 17.0



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Test Name	Value	Unit	Biological Reference interval

RECHECKED



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COLLECTED BY	: SURJESH	REG. 1	NO./LAB NO.	: 012412010019
REFERRED BY	:	REGIS	STRATION DATE	: 01/Dec/2024 09:57 AM
BARCODE NO.	:01521787	COLL	ECTION DATE	:01/Dec/2024 10:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 01/Dec/2024 03:42PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		ON ATED HAENO		
	EMOGLOBIN (HbA1c):	DSYLATED HAEMO 5.8	GLOBIN (HBA10 %	4.0 - 6.4
WHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERA by HPLC (HIGH PERFOR				
WHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERA by HPLC (HIGH PERFOR	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	5.8 119.76	% mg/dL	4.0 - 6.4
WHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERA by HPLC (HIGH PERFOR INTERPRETATION:	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	5.8 119.76 DIABETES ASSOCIATION	% mg/dL	4.0 - 6.4 60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFON ESTIMATED AVERA by HPLC (HIGH PERFON INTERPRETATION: F Non dia	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years	5.8 119.76 DIABETES ASSOCIATION	% mg/dL (ADA):	4.0 - 6.4 60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFON ESTIMATED AVERA by HPLC (HIGH PERFON INTERPRETATION: F Non dia At	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	5.8 119.76 DIABETES ASSOCIATION	% mg/dL (ADA): <u>'LATED HEMOGLOGIB</u> <5.7 5.7 - 6.4	4.0 - 6.4 60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFON ESTIMATED AVERA by HPLC (HIGH PERFON INTERPRETATION: F Non dia At	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years	5.8 119.76 DIABETES ASSOCIATION	% mg/dL (ADA): <u>\ATED HEMOGLOGIB</u> <5.7 5.7 - 6.4 >= 6.5	4.0 - 6.4 60.00 - 140.00
WHOLE BLOOD by HPLC (HIGH PERFON ESTIMATED AVERA by HPLC (HIGH PERFON INTERPRETATION: F Non dia At	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	5.8 119.76 DIABETES ASSOCIATION GLYCOSY	% mg/dL (ADA): <u>'LATED HEMOGLOGIB</u> <5.7 5.7 - 6.4 >= 6.5 Age > 19 Years	4.0 - 6.4 60.00 - 140.00 (HBAIC) in %
WHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERA by HPLC (HIGH PERFOR INTERPRETATION: Non dia At Di	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes) iagnosing Diabetes	5.8 119.76 DIABETES ASSOCIATION GLYCOSY GOals of The	% mg/dL (ADA): <u>(ADA):</u> <u>(ATED HEMOGLOGIB</u> <5.7 5.7 – 6.4 >= 6.5 Age > 19 Years erapy:	4.0 - 6.4 60.00 - 140.00 (HBAIC) in % < 7.0
WHOLE BLOOD by HPLC (HIGH PERFOR ESTIMATED AVERA by HPLC (HIGH PERFOR INTERPRETATION: NON dia At Di	EMOGLOBIN (HbA1c): RMANCE LIQUID CHROMATOGRAPHY) GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN REFERENCE GROUP abetic Adults >= 18 years t Risk (Prediabetes)	5.8 119.76 DIABETES ASSOCIATION GLYCOSY	% mg/dL (ADA): <u>LATED HEMOGLOGIB</u> <5.7 5.7 – 6.4 >= 6.5 Age > 19 Years erapy:	4.0 - 6.4 60.00 - 140.00 (HBAIC) in %

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.





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Test Name		Value	Unit	Biological Reference interval
	FRYT	HROCYTE SEDIN	MENTATION RATE (ESR)
	DIMENTATION RATE (ESR)	28 ^H	mm/1st	
systemic lupus eryth CONDITION WITH LO A low ESR can be see (polycythaemia), sign as sickle cells in sick NOTE:	W ESR en with conditions that inhibit hificantly high white blood ce le cell anaemia) also lower th re protein (C-RP) are both mar	Il count (leucocytosis e ESR. kers of inflammation es CRP, either at the	.) , and some protein abno start of inflammation or as	uch as a high red blood cell count rmalities. Some changes in red cell shape (such
2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 5. Drugs such as dext	I by as many other factors as is ed, it is typically a result of tways ave a higher ESR, and menstrue	vo types of proteins, ation and pregnancy	globulins or fibrinogen. can cause temporary eleva	h.





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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 01/Dec/2024 10:59AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLINI		TRY/BIOCHEMIST FASTING (F)	'nY
GLUCOSE FASTING by glucose oxidas	G (F): PLASMA e - peroxidase (god-pod)	92.56	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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CLIENT ADDRESS :	6349/1, NICHOLSON ROAI), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		LIPID PROFILI	F · BASIC	
CHOLESTEROL TOTAI	· CEDIIM	134.26		OPTIMAL: < 200.0
by CHOLESTEROL OXIDA		134.20	mg/dL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SER		53.79	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0
HDL CHOLESTEROL (I by SELECTIVE INHIBITION	DIRECT): SERUM	63.31	mg/dL	VERY HIGH: > OR = 500.0 LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROL: S by CALCULATED, SPECTF		60.19	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0
NON HDL CHOLESTER by CALCULATED, SPECTR		70.95	mg/dL	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 VERY HIGH: > OR = 220.0
VLDL CHOLESTEROL: by CALCULATED, SPECTE		10.76	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SERUN by CALCULATED, SPECTE	1 ROPHOTOMETRY	322.31 ^L	mg/dL	350.00 - 700.00
CHOLESTEROL/HDL F by CALCULATED, SPECTE		2.12	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	Biological Reference interval	
LDL/HDL RATIO: S by CALCULATED, SPE		0.95	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0	
TRIGLYCERIDES/H by CALCULATED, SPE		0.85 ^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
LIVER	FUNCTION TE	ST (COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.65	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.21	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.44	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	17.8	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	12.3	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.45	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	81.84	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	13.69	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.26	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.18	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.08 ^L	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.01 ^H	RATIO	1.00 - 2.00

INTERPRETATION

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE:- Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)





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Test Name		Value Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 01/Dec/2024 11:03AM
BARCODE NO.	: 01521787	COLLECTION DATE	: 01/Dec/2024 10:18AM
REFERRED BY	:	REGISTRATION DATE	: 01/Dec/2024 09:57 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012412010019
AGE/ GENDER	: 78 YRS/FEMALE	PATIENT ID	: 1687460
NAME	: Mrs. RAMESHWARI SHARMA		
	Dr. Vinay Chop MD (Pathology & M Chairman & Consult	icrobiology) M	m Chopra D (Pathology) nt Pathologist

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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NAME ł C F ł (0

Chairman & Consultant Pathologist : Mrs. RAMESHWARI SHARMA

Dr. Vinay Chopra

MD (Pathology & Microbiology)

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

Test Name		Value Unit	Biological Reference interval
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NANE	: MITS. KAMESHWARI SHARMA		

			0
KIDNI	EY FUNCTION TE	ST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)	26.25	mg/dL	10.00 - 50.00
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY	1.18	mg/dL	0.40 - 1.20
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETRY	12.27	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	10.4	RATIO	10.0 - 20.0
UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	22.25	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	4.48	mg/dL	2.50 - 6.80
CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOMETRY	9.22	mg/dL	8.50 - 10.60
PHOSPHOROUS: SERUM by phosphomolybdate, spectrophotometry	3.16	mg/dL	2.30 - 4.70
<u>ELECTROLYTES</u>			
SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	140.8	mmol/L	135.0 - 150.0
POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)	4.18	mmol/L	3.50 - 5.00
CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)	105.6	mmol/L	90.0 - 110.0
ESTIMATED GLOMERULAR FILTERATION RATE			
ESTIMATED GLOMERULAR FILTERATION RATE (eGFR): SERUM by CALCULATED	47.3		

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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REFERRED BY				REGISTRATION	DATE	:01/Dec/2024	19·57 AM		
BARCODE NO.	: 01521787			COLLECTION DA		:01/Dec/2024			
CLIENT CODE.	: KOS DIAGNO			REPORTING DA		: 01/Dec/2024			
				KEPUKI ING DA	IE	. 01/ Dec/ 2024	11.05AM		
CLIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD, AME	GALA CANTI						
Test Name			Value	U	nit	Biolog	gical Refe	erence int	erval
7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necr	ass (subnormal e tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECR psis.	creatinine productio cocorticoids) TED CREATININE LEV roportionately more n renal disease.	ELS:	ne) (e.g. obstructi	ve uropath	ıy).			
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr 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 (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERL G1 G2 	ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECRI osis. Id starvation. 2: creased urea syr urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop ref sis (acetoacetate creased BUN/crea apy (interferes v LAR FILTERATION Nor Nor	creatinine productio cocorticoids) TED CREATININE LEV roportionately more n renal disease. EASED BUN : The creatinine diffuses is virtually absent in ntidiuretic harmone CASED CREATININE: conversion of creatin treatinine). hal failure. Causes false increate eatinine ratio). with creatinine meas NATE: DESCRIPTION mal kidney function dney damage with prmal or high GFR	ELS: than creatinin out of extrace blood). due to tubula e to creatinin se in creatinin urement).	ellular fluid). ar secretion of ure e). ne with certain me <u>L/min/1.73m2)</u> >90 >90	ea. ethodolog		<u>}</u>	o when deł	nydrat
A. Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<1 Nheacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Loiabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERL CED STAGE G1 G2 G3a	ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECRI osis. Id starvation. 2: creased urea syr urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop ref sis (acetoacetate creased BUN/crea apy (interferes v LAR FILTERATION Nor Kin Nor	creatinine productio cocorticoids) TED CREATININE LEV roportionately more n renal disease. EASED BUN : The sis. The creatinine diffuses is virtually absent in ntidiuretic harmone CASED CREATININE: conversion of creatin treatinine). Thal failure. The causes false increated the causes false increated the causes false increated the creatinine meas NATE: DESCRIPTION mal kidney function dney damage with	ELS: than creatinin out of extrace blood). due to tubula e to creatinin se in creatinin urement).	ellular fluid). ar secretion of ure e). ne with certain me L/min/1.73m2) >90	ea. ethodolog	ies,resulting in no DCIATED FINDINGS No proteinuria sence of Protein ,	<u>}</u>	o when deł	nydrat
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<1 Acute tubular necr 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 (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERL G1 G2 	ass (subnormal of tetracycline, glu 0:1) WITH ELEVA (BUN rises disp superimposed o 0:1) WITH DECRI osis. Id starvation. creased urea syr urea rather thar monemias (urea f inappropiate a 0:1) WITH INCRE oy (accelerates of eleases muscle of who develop rer sis (acetoacetate creased BUN/crea sis (acetoacetate creased BUN/crea apy (interferes w LAR FILTERATION Nor Nor Nor Midential Modential Modential Modential	creatinine productio cocorticoids) TED CREATININE LEV roportionately more n renal disease. EASED BUN : The creatinine diffuses is virtually absent in ntidiuretic harmone CASED CREATININE: conversion of creatin treatinine). hal failure. Causes false increate extinine ratio). with creatinine meas NATE: DESCRIPTION mal kidney function dney damage with prmal or high GFR	ELS: than creatinin out of extrace blood). due to tubula e to creatinin se in creatinin urement).	ellular fluid). ar secretion of ure e). ne with certain me <u>L/min/1.73m2)</u> >90 >90 30	ea. ethodolog	ies,resulting in no DCIATED FINDINGS No proteinuria sence of Protein ,	<u>}</u>	o when deł	nydrat





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









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NAME	: Mrs. RAMESHWARI SHARMA		
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AME	BALA 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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Dr. Yugam Chopra MD (Pathology) **CEO & Consultant Pathologist**

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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	:01/Dec/2024 12:12PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
Test Name	Value	Unit	Biological Reference interval

	IRON PR	OFILE	
IRON: SERUM by FERROZINE, SPECTROPHOTOMETRY	31.9 ^L	μg/dL	37.0 - 145.0
UNSATURATED IRON BINDING CAPACITY (UIBC) :SERUM by FERROZINE, SPECTROPHOTOMETERY	322.76	μg/dL	150.0 - 336.0
TOTAL IRON BINDING CAPACITY (TIBC) :SERUM by SPECTROPHOTOMETERY	354.66	µg/dL	230 - 430
%TRANSFERRIN SATURATION: SERUM by Calculated, Spectrophotometery (ferene)	8.99 ^L	%	15.0 - 50.0
TRANSFERRIN: SERUM by SPECTROPHOTOMETERY (FERENE)	251.81	mg/dL	200.0 - 350.0
INTERPRETATION:-			

VARIABLES	ANEMIA OF CHRONIC DISEASE	IRON DEFICIENCY ANEMIA	THALASSEMIA α/β TRAIT	
SERUM IRON:	Normal to Reduced	Reduced	Normal	
TOTAL IRON BINDING CAPACITY:	Decreased	Increased	Normal	
% TRANSFERRIN SATURATION: Decreased		Decreased < 12-15 %	Normal	
SERUM FERRITIN:	Normal to Increased	Decreased	Normal or Increased	
IDON:				

IRON:

1.Serum iron studies is recommended for differential diagnosis of microcytic hypochromic anemia.i.e iron deficiency anemia, zinc deficiency anemia, anemia of chronic disease and thalassemia syndromes.

It is essential to isolate iron deficiency anemia from Beta thalassemia syndromes because during iron replacement which is therapeutic for iron deficiency anemia, is severely contra-indicated in Thalassemia.
 TOTAL IRON BINDING CAPACITY (TIBC):

1.It is a direct measure of protein transferrin which transports iron from the gut to storage sites in the bone marrow.

% TRANSFERRIN SATURATION:

1. Occurs in idiopathic hemochromatosis and transfusional hemosiderosis where no unsaturated iron binding capacity is available for iron mobilization. Similar condition is seen in congenital deficiency of transferrin.



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		Chopra gy & Microbiology) Consultant Pathologist	Dr. Yugar MD CEO & Consultan	(Pathology)
NAME	: Mrs. RAMESHWARI SHA	RMA		
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA			
Test Name		Value	Unit	Biological Reference interva
		ENDOCRIN THYROID FUNCTIO	ON TEST: TOTAL	
TRIIODOTHYRONI	NE (T3): SERUM IESCENT MICROPARTICLE IMMUN	1.104 IOASSAY)	ng/mL	0.35 - 1.93
THYROXINE (T4): S		7.74	µgm/dL	4.87 - 12.60
	ATING HORMONE (TSH): SI		µIU/mL	0.35 - 5.50
3rd GENERATION, ULT				
INTERPRETATION:				
day has influence on the triiodothyronine (T3).Fai	measured serum TSH concentration	s. TSH stimulates the product	ion and secretion of the r	om. The variation is of the order of 50%.Hence time of i netabolically active hormones, thyroxine (T4)and her underproduction (hypothyroidism) or
CLINICAL CONDITION	T3		T4	TSH
Primary Hypothyroidis				Increased (Significantly)
Subclinical Hypothyroi	dism: Normal or	Low Normal Norm	nal or Low Normal	High
Primary Hyperthyroidis	sm: Increa	sed	ncreased	Reduced (at times undetectable)

LIMITATIONS:-

Subclinical Hyperthyroidism:

1. T3 and T4 circulates in reversibly bound form with Thyroid binding globulins (TBG), and to a lesser extent albumin and Thyroid binding Pre Albumin so conditions in which TBG and protein levels alter such as pregnancy, excess estrogens, androgens, anabolic steroids and glucocorticoids may falsely affect the T3 and T4 levels and may cause false thyroid values for thyroid function tests.

Normal or High Normal

Reduced

2. Normal levels of T4 can also be seen in Hyperthyroid patients with :T3 Thyrotoxicosis, Decreased binding capacity due to hypoproteinemia or ingestion of certain drugs (e.g.: phenytoin , salicylates).

3. Serum T4 levels in neonates and infants are higher than values in the normal adult , due to the increased concentration of TBG in neonate serum.

4. TSH may be normal in central hypothyroidism , recent rapid correction of hyperthyroidism or hypothyroidism , pregnancy , phenytoin therapy.

TRIIODOTHYRONINE (T3)		THYROX	(INE (T4)	THYROID STIMULATING HORMONE (TSH)		
Age	Refferance Range (ng/mL)	Age	Refferance Range (µg/dL)	Age	Reference Range (µIU/mL)	
0 - 7 Days	0.20 - 2.65	0 - 7 Days	5.90 - 18.58	0 - 7 Days	2.43 - 24.3	
7 Days - 3 Months	0.36 - 2.59	7 Days - 3 Months	6.39 - 17.66	7 Days - 3 Months	0.58 - 11.00	
3 - 6 Months	0.51 - 2.52	3 - 6 Months	6.75 - 17.04	3 Days – 6 Months	0.70 - 8.40	
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 – 12 Months	0.70 - 7.00	

Normal or High Normal





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e)	EXCELLENCE IN HEALTHCARE & DIAGNOSTICS	
t	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT	2	

Test Name			Value	Unit		Biological Reference interval
1 - 10 Years	0.92 - 2.28	1 - 10 Years	6.00 - 13.80	1 – 10 Years	0.60 - 5.50	
11- 19 Years	0.35 - 1.93	11 - 19 Years	4.87-13.20	11 – 19 Years	0.50 - 5.50	
> 20 years (Adults)	0.35 - 1.93	> 20 Years (Adults)	4.87 - 12.60	> 20 Years (Adults)	0.35-5.50	
	RECON	MMENDATIONS OF TSH LE	VELS DURING PRE	GNANCY (µIU/mL)		
	1st Trimester			0.10 - 2.50		
	2nd Trimester			0.20 - 3.00		
	3rd Trimester			0.30 - 4.10		

INCREASED TSH LEVELS:

1. Primary or untreated hypothyroidism may vary from 3 times to more than 100 times normal depending upon degree of hypofunction.

2. Hypothyroid patients receiving insufficient thyroid replacement therapy.

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3. Hashimotos thyroiditis

4.DRUGS: Amphetamines, iodine containing agents & dopamine antagonist.

5.Neonatal period, increase in 1st 2-3 days of life due to post-natal surge

DECREASED TSH LEVELS:

1. Toxic multi-nodular goiter & Thyroiditis.

2. Over replacement of thyroid hormone in treatment of hypothyroidism.

3. Autonomously functioning Thyroid adenoma

4. Secondary pituitary or hypothalamic hypothyroidism

5. Acute psychiatric illness

6.Severe dehydration.

7.DRUGS: Glucocorticoids, Dopamine, Levodopa, T4 replacement therapy, Anti-thyroid drugs for thyrotoxicosis.

8.Pregnancy: 1st and 2nd Trimester





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD (Patho	y Chopra logy & Microbiology) & Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. RAMESHWARI S	HARMA		
AGE/ GENDER	: 78 YRS/FEMALE	РАТ	IENT ID	: 1687460
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CLIENT ADDRESS	: 6349/1, NICHOLSON R			
Test Name		Value	Unit	Biological Reference interval
		VITAM VITAMIN D/25 HYDR		3
VITAMIN D (25-HY)	DROXY VITAMIN D3): SE	ERUM 42.512	ng/mL	DEFICIENCY: < 20.0
				INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
NTERPRETATION:		< 20	n	SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
<u>NTERPRETATION:</u> DEFI		< <u>20</u> 21 - 29		SUFFICIENCY: 30.0 - 100.0
<u>NTERPRETATION:</u> DEFI INSUFI PREFFERE	CIENT:		n	SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0



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

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		& Microbiology)	Dr. Yugam MD EO & Consultant	(Pathology)
NAME	: Mrs. RAMESHWARI SHAR	RMA		
AGE/ GENDER	: 78 YRS/FEMALE	PATIENT	T ID	: 1687460
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORT	ING DATE	: 01/Dec/2024 02:03PM
	· 6349/1 NICHOI SON ROAT	D, AMBALA CANTT	. 01/ DC/ 2024 02.001 M	
CLIENT ADDRESS	. 0343/ 1, MCHOLSON ROAL			
CLIENT ADDRESS Test Name		Value	Unit	Biological Reference interv
				Biological Reference interv
Test Name VITAMIN B12/COE <i>by CMIA (CHEMILUMI</i> N		Value VITAMIN B12/COB >2000.000 ^H		Biological Reference interv 190.0 - 830
Test Name VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:-	ALAMIN: SERUM	Value VITAMIN B12/COB >2000.000 ^H	ALAMIN	190.0 - 830
Test Name VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:-	ALAMIN: SERUM ESCENT MICROPARTICLE IMMUNC	Value VITAMIN B12/COB >2000.000 ^H	ALAMIN pg/mL	190.0 - 830
Test Name VITAMIN B12/COE by CMIA (CHEMILUMIN <u>INTERPRETATION:-</u> INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro	ALAMIN: SERUM IESCENT MICROPARTICLE IMMUNC IED VITAMIN B12 nin C gen	Value VITAMIN B12/COB P2000.000 ^H PASSAY) DASSAY	ALAMIN pg/mL REASED VITAMIN Anti-convulsants,	190.0 - 830
Test Name VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan	ALAMIN: SERUM IESCENT MICROPARTICLE IMMUNC SED VITAMIN B12 nin C gen nin A	Value VITAMIN B12/COB P2000.000 ^H PASSAY) DASSAY	ALAMIN pg/mL REASED VITAMIN Anti-convulsants,	190.0 - 830
Test Name VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in	ALAMIN: SERUM IESCENT MICROPARTICLE IMMUNC SED VITAMIN B12 nin C gen nin A jury	Value VITAMIN B12/COB >2000.000 ^H DASSAY) 2000.000 ^H 2000.000 ^H 2.2000.000 ^H 2.2000.000 ^H 2.2000.000 ^H 2.2000.000 ^H 3.2000.000 ^H 3.2000.000 ^H 4. Contraceptive H	ALAMIN pg/mL REASED VITAMIN Anti-convulsants,	190.0 - 830
Test Name VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan	ALAMIN: SERUM IESCENT MICROPARTICLE IMMUNC SED VITAMIN B12 nin C gen nin A jury	Value VITAMIN B12/COB P2000.000 ^H PASSAY) DASSAY	ALAMIN pg/mL CREASED VITAMIN Anti-convulsants, armones	190.0 - 830

4. Vitamin B12 deficiency may be due to lack of IF secretion by gastric mucosa (eg, gastrectomy, gastric atrophy) or intestinal malabsorption (eg, ileal resection, small intestinal diseases).

5. Vitamin B12 deficiency frequently causes macrocytic anemia, glossitis, peripheral neuropathy, weakness, hyperreflexia, ataxia, loss of proprioception, poor coordination, and affective behavioral changes. These manifestations may occur in any combination; many patients have the neurologic defects without macrocytic anemia.

6.Serum methylmalonic acid and homocysteine levels are also elevated in vitamin B12 deficiency states.

7.Follow-up testing for antibodies to intrinsic factor (IF) is recommended to identify this potential cause of vitamin B12 malabsorption. NOTE: A normal serum concentration of vitamin B12 does not rule out tissue deficiency of vitamin B12. The most sensitive test for vitamin B12 deficiency at the cellular level is the assay for MMA. If clinical symptoms suggest deficiency, measurement of MMA and homocysteine should be considered, even if serum vitamin B12 concentrations are normal.



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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





HEALTHCARE & Dr. Yugam Chopra MD (Pathology)

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. RAMESHWARI SHARMA AGE/ GENDER : 78 YRS/FEMALE **PATIENT ID** :1687460 **COLLECTED BY** : SURJESH REG. NO./LAB NO. :012412010019 **REFERRED BY** : **REGISTRATION DATE** :01/Dec/2024 09:57 AM **BARCODE NO.** :01521787 **COLLECTION DATE** :01/Dec/2024 10:18AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :01/Dec/2024 11:31AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval**

Dr. Vinay Chopra

MD (Pathology & Microbiology)

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION			
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	10	ml	
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	AMBER YELLOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	<=1.005		1.002 - 1.030
CHEMICAL EXAMINATION			
REACTION by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	6.5		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXAMINATION			
RED BLOOD CELLS (RBCs)	NEGATIVE (-ve)	/HPF	0 - 3





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

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

NAME	: Mrs. RAMESHWARI SHARMA			
AGE/ GENDER	: 78 YRS/FEMALE		PATIENT ID	: 1687460
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012412010019
REFERRED BY	:		REGISTRATION DATE	: 01/Dec/2024 09:57 AM
BARCODE NO.	: 01521787		COLLECTION DATE	: 01/Dec/2024 10:18AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 01/Dec/2024 11:31AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	/IBALA CANT	Т	
Test Name		Value	Unit	Biological Reference interval
by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT			
PUS CELLS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EDITUELIAL CELL	n	0.4		ADCENT

EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/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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