





	Dr. Vinay Chopra MD (Pathology & Microbiolog Chairman & Consultant Patho	gy)	Dr. Yugam Cho MD (Patho & Consultant Patho	blogy)
BARCODE NO. : 01528786 CLIENT CODE. : KOS DIAC	EMALE . PHOENIX CLUB (AMBALA CAN	COLLECTION REPORTING	B NO. : 0 ON DATE : 1 DATE : 1	326574 12504110016 I/Apr/2025 09:31 AM I/Apr/2025 09:45AM I/Apr/2025 10:28AM
Test Name	Valu	e	Unit	Biological Reference interval
RED BLOOD CELLS (RBCS)		WELLNESS F E BLOOD COUN		
HAEMOGLOBIN (HB)		.8 ^L	gm/dL	12.0 - 16.0
by CALORIMETRIC RED BLOOD CELL (RBC) COU		44	Millions/cmm	3.50 - 5.00
by HYDRO DYNAMIC FOCUSING, ELE ACKED CELL VOLUME (PCV) 36	5.3 ^L	%	37.0 - 50.0
by CALCULATED BY AUTOMATED H MEAN CORPUSCULAR VOLUM	ME (MCV) 81	.6	fL	80.0 - 100.0
by CALCULATED BY AUTOMATED H IEAN CORPUSCULAR HAEM	OGLOBIN (MCH) 26	5.5 ^L	pg	27.0 - 34.0
by CALCULATED BY AUTOMATED H IEAN CORPUSCULAR HEMO by CALCULATED BY AUTOMATED H	GLOBIN CONC. (MCHC) 32	2.4	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WI by CALCULATED BY AUTOMATED H	DTH (RDW-CV) 16	;	%	11.00 - 16.00
ED CELL DISTRIBUTION W	(DTH (RDW-SD) 49	0.1	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		3.38	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	90	0.29	RATIO	BETA THALASSEMIA TRAIT: <= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
	<u>CS)</u>			
<u>WHITE BLOOD CELLS (WBC</u>		00	/cmm	4000 - 11000
		.00	, chini	
WHITE BLOOD CELLS (WBG FOTAL LEUCOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE NUCLEATED RED BLOOD CEL by AUTOMATED 6 PART HEMATOLO	A MICROSCOPY LLS (nRBCS) N		, chini	0.00 - 20.00





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	Dr. Vinay Chop MD (Pathology & M Chairman & Consul	icrobiology)	Dr. Yugam C MD (Pat CEO & Consultant Pat	hology)
NAME	: Mrs. ANITA			
AGE/ GENDER	: 72 YRS/FEMALE	PATIE	NT ID :	1826574
COLLECTED BY	: SURJESH			012504110016
REFERRED BY	: CENTRAL PHOENIX CLUB (AME			11/Apr/2025 09:31 AM
BARCODE NO.	: 01528786			11/Apr/2025 09:45AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		RTING DATE :	11/Apr/2025 10:28AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	ÍBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			5
	EUCOCYTE COUNT (DLC)			
NEUTROPHILS		54	%	50 - 70
LYMPHOCYTES	Y BY SF CUBE & MICROSCOPY	37	%	20 - 40
•	Y BY SF CUBE & MICROSCOPY	2	0/	1 6
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY	3	%	1 - 6
MONOCYTES		6	%	2 - 12
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY			
BASOPHILS		0	%	0 - 1
-	Y BY SF CUBE & MICROSCOPY OCYTES (WBC) COUNT			
		1051		2000 5500
ABSOLUTE NEUTH	Y BY SF CUBE & MICROSCOPY	4374	/cmm	2000 - 7500
ABSOLUTE LYMPH		2997	/cmm	800 - 4900
	Y BY SF CUBE & MICROSCOPY			
ABSOLUTE EOSIN		243	/cmm	40 - 440
ABSOLUTE MONO	Y BY SF CUBE & MICROSCOPY	486	/cmm	80 - 880
	Y BY SF CUBE & MICROSCOPY	400	/ciiiii	80 - 880
ABSOLUTE BASOF		0	/cmm	0 - 110
,	Y BY SF CUBE & MICROSCOPY			
PLATELETS AND	OTHER PLATELET PREDICTIV			
PLATELET COUNT		365000	/cmm	150000 - 450000
by HYDRO DYNAMIC F PLATELETCRIT (P	FOCUSING, ELECTRICAL IMPEDENCE	0.33	%	0.10 - 0.36
	CT) FOCUSING, ELECTRICAL IMPEDENCE	0.33	%0	0.10 - 0.36
MEAN PLATELET		9	fL	6.50 - 12.0
•	OCUSING, ELECTRICAL IMPEDENCE			
	E CELL COUNT (P-LCC)	76000	/cmm	30000 - 90000
	EOCUSING, ELECTRICAL IMPEDENCE	20.8	%	11.0 - 45.0
	FOCUSING, ELECTRICAL IMPEDENCE	20.0	/0	11.0 - +5.0
PLATELET DISTRI	IBUTION WIDTH (PDW)	15.9	%	15.0 - 17.0



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







Test Name	Value	Unit	Biological Reference interval
CLIENT ADDRESS	. 0549/1, NICHOLSON KOAD, AMBALA CANTT		
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 11/Apr/2025 10:28AM
BARCODE NO.	: 01528786	COLLECTION DATE	: 11/Apr/2025 09:45AM
REFERRED BY	: CENTRAL PHOENIX CLUB (AMBALA CANTT)	REGISTRATION DATE	: 11/Apr/2025 09:31 AM
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012504110016
AGE/ GENDER	: 72 YRS/FEMALE	PATIENT ID	: 1826574
NAME	: Mrs. ANITA		
	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologis		(Pathology)

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Apr/2025 12:17PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTI		
Test Name		Value	Unit	Biological Reference interval
WHOLE BLOOD	AEMOGLOBIN (HbA1c):	6.1	AEMOGLOBIN (HBA %	4.0 - 6.4
ESTIMATED AVERA by HPLC (HIGH PERFOR	RMANCE LIQUID CHROMATOGRAPHY) AGE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	128.37	mg/dL	60.00 - 140.00
INTERPRETATION:				
	AS PER AMERICAN D			
-	REFERENCE GROUP	G	LYCOSYLATED HEMOGLOGI	B (HBAIC) in %
	abetic Adults >= 18 years		<5.7	
	Risk (Prediabetes)	-	<u>5.7 - 6.4</u> >= 6.5	
D	agnosing Diabetes		>= 0.5 Age > 19 Years	
		Goal	s of Therapy:	< 7.0
Therapeut	ic goals for glycemic control		ns Suggested:	>8.0
	3	, (0110	Age < 19 Years	
		Goa	l of therapy:	<7.5

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 PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD (Pat	n ay Chopra hology & Microbiology) n & Consultant Pathologi		(Pathology)
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AGE/ GENDER	: 72 YRS/FEMALE		PATIENT ID	: 1826574
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012504110016
REFERRED BY		CLUB (AMBALA CANTT)	REGISTRATION DATE	: 11/Apr/2025 09:31 AM
BARCODE NO.	: 01528786	,	COLLECTION DATE	: 11/Apr/2025 09:45AM
CLIENT CODE.	: KOS DIAGNOSTIC LA	В	REPORTING DATE	: 11/Apr/2025 11:23AM
CLIENT ADDRESS	: 6349/1, NICHOLSON	ROAD, AMBALA CANT		
Test Name		Value	Unit	Biological Reference interval
	ER	YTHROCYTE SED	IMENTATION RATE	(ESR)
by RED CELL AGGREG NTERPRETATION: 1. ESR is a non-specif mmune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus erythy CONDITION WITH LOV A low ESR can be see (polycythaemia), sigras as sickle cells in sickl NOTE: 1. ESR and C - reactive 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 6. Drugs such as dext	does not tell the health cted by other conditions be used to monitor disea ematosus W ESR n with conditions that in hificantly high white bloc e cell anaemia) also low e protein (C-RP) are both es not change as rapidly a by as many other factors ed, it is typically a result ve a higher ESR, and mer	ed result often indicates practitioner exactly whe besides inflammation. F use activity and response hibit the normal sedime id cell count (leucocytos er the ESR. markers of inflammation is does CRP, either at th 5 as is ESR, making it a be of two types of proteins istruation and pregnanc participation and pregnanc	The the inflammation is in the for this reason, the ESR is ty the to therapy in both of the a entation of red blood cells, s sis), and some protein abno the start of inflammation or a etter marker of inflammation s, globulins or fibrinogen. y can cause temporary eleva	tion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such above diseases as well as some others, such as such as a high red blood cell count formalities. Some changes in red cell shape (such s it resolves. n .

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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		ogy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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BARCODE NO.	:01528786	CO	LLECTION DATE	: 11/Apr/2025 09:45AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 11/Apr/2025 12:37PM
CLIENT ADDRESS	: 6349/1, NICHOLSON RO	DAD, AMBALA CANTT		
CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON RO	DAD, AMBALA CANTT Value	Unit	Biological Reference interval
		Value	RY/BIOCHEMIS	

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.
 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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		Chopra • & Microbiology) onsultant Pathologis		(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. ANITA : 72 YRS/FEMALE : SURJESH : CENTRAL PHOENIX CLUB : 01528786 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAI		COLLECTION DATE REPORTING DATE	: 1826574 : 012504110016 : 11/Apr/2025 09:31 AM : 11/Apr/2025 09:45AM : 11/Apr/2025 01:53PM
Test Name		Value	Unit	Biological Reference interval
		LIPID PRO	OFILE : BASIC	
CHOLESTEROL TO by CHOLESTEROL OX		230.3 ^H	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: 5 by GLYCEROL PHOSP	SERUM HATE OXIDASE (ENZYMATIC)	116.37	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERC	DL (DIRECT): SERUM on	52.5	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERO by CALCULATED, SPE		154.53 ^H	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLES by CALCULATED, SPE		177.8 ^H	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER		23.27	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SEI	RUM	576.97	mg/dL	350.00 - 700.00
	L RATIO: SERUM	4.39	RATIO	LOW RISK: 3.30 - 4.40



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		2.94	RATIO	MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/I by CALCULATED, SPE	HDL RATIO: SERUM	2.22^{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.

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

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





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Test Name		Value	Unit	Biological Reference interval
	LIVER F	UNCTIO	N TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SF	: SERUM PECTROPHOTOMETRY	0.39	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	T (CONJUGATED): SERUM	0.13	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE	ECT (UNCONJUGATED): SERUM	0.26	mg/dL	0.10 - 1.00
SGOT/AST: SERUN by IFCC, WITHOUT PY	1 RIDOXAL PHOSPHATE	16.8	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	I RIDOXAL PHOSPHATE	18.4	U/L	0.00 - 49.00
AST/ALT RATIO: S	ERUM	0.91	RATIO	0.00 - 46.00

GLOBULIN: SERUM	
by CALCULATED, SPECTROPHOTOMETRY	
A : G RATIO: SERUM	
by CALCULATED, SPECTROPHOTOMETRY	

by CALCULATED, SPECTROPHOTOMETRY ALKALINE PHOSPHATASE: SERUM

by SZASZ, SPECTROPHTOMETRY TOTAL PROTEINS: SERUM

by BIURET, SPECTROPHOTOMETRY

by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL

GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM 26.17

INTERPRETATION

ALBUMIN: SERUM

by BROMOCRESOL GREEN

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:

PROPANOL

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5

86.79

7.27

3.82

3.45

1.11

U/L

U/L

gm/dL

gm/dL

gm/dL

RATIO

40.0 - 130.0

0.00 - 55.0

6.20 - 8.00

3.50 - 5.50

2.30 - 3.50

1.00 - 2.00



am

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	ГТ	
Test Name	Value	Unit	Biological Reference interval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Inc	reased)

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

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

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				/
Test Name		Value	Unit	Biological Reference interval
	KIDNE	Y FUNCTIO	ON TEST (COMPLET)	E)
UREA: SERUM		27.24	mg/dL	10.00 - 50.00
•	ATE DEHYDROGENASE (GLDH)			
CREATININE: SERI	-	1.04	mg/dL	0.40 - 1.20
•	ROGEN (BUN): SERUM	12.73	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	12.24	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE				
UREA/CREATININ	E RATIO: SERUM	26.19	RATIO	

UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY26.19RATIOURIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE4.58mg/dL2.50 - 6.80CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOMETRY9.1mg/dL8.50 - 10.60PHOSPHOROUS: SERUM by PHOSPHOMOL VBDATE, SPECTROPHOTOMETRY3.85mg/dL2.30 - 4.70ELECTROLYTESSODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)142.5mmol/L135.0 - 150.0POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)4.01mmol/L3.50 - 5.00POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)106.88mmol/L90.0 - 110.0	RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY		in the	10.0 20.0	
by URICASE - OXIDASE PEROXIDASE9.1mg/dL8.50 - 10.60CALCIUM: SERUM by ARSENAZO III, SPECTROPHOTOMETRY9.1mg/dL8.50 - 10.60PHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY3.85mg/dL2.30 - 4.70ELECTROLYTESSODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)142.5mmol/L135.0 - 150.0POTASSIUM: SERUM 		26.19	RATIO		
by ARSENAZO III, SPECTROPHOTOMETRYPHOSPHOROUS: SERUM by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY3.85mg/dL2.30 - 4.70ELECTROLYTESSODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)142.5mmol/L135.0 - 150.0POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)4.01mmol/L3.50 - 5.00CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)106.88mmol/L90.0 - 110.0		4.58	mg/dL	2.50 - 6.80	
by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY ELECTROLYTES SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)		9.1	mg/dL	8.50 - 10.60	
SODIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)142.5mmol/L135.0 - 150.0POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE)4.01mmol/L3.50 - 5.00CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)106.88mmol/L90.0 - 110.0		3.85	mg/dL	2.30 - 4.70	
by ISE (ION SELECTIVE ELECTRODE) POTASSIUM: SERUM by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE) 106.88	<u>ELECTROLYTES</u>				
by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM by ISE (ION SELECTIVE ELECTRODE)		142.5	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIVE ELECTRODE)		4.01	mmol/L	3.50 - 5.00	
ESTIMATED GLOMERULAR FILTERATION RATE		106.88	mmol/L	90.0 - 110.0	
	ESTIMATED GLOMERULAR FILTERATION	<u>RATE</u>			

ESTIMATED GLOMERULAR FILTERATION RATE 57.1 (eGFR): SERUM *by CALCULATED 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.



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	MD (Pa	nay Chopra thology & Microbiology) an & Consultant Pathologis		u gam Chopra MD (Pathology) sultant Pathologist	
NAME	: Mrs. ANITA				
GE/ GENDER	: 72 YRS/FEMALE		PATIENT ID	: 1826574	
OLLECTED BY	: SURJESH		REG. NO./LAB NO.	:012504110016	4
REFERRED BY		CLUB (AMBALA CANTT)	REGISTRATION DA	1	
BARCODE NO.	:01528786		COLLECTION DATE	: 11/Apr/2025 09:4	45AM
CLIENT CODE.	: KOS DIAGNOSTIC L	AB	REPORTING DATE	: 11/Apr/2025 01:	53PM
CLIENT ADDRESS	: 6349/1, NICHOLSO	N ROAD, AMBALA CANTT			
Test Name		Value	Unit	t Biologica	al Reference interval
7. Urine reabsorption 8. Reduced muscle ma 9. Certain drugs (e.g. 1 INCREASED RATIO (>2 0 1. Postrenal azotemia		ine production) coids) EATININE LEVELS: onately more than creatin		otoxicosis, Cushing's syndro uropathy).	me, high protein diet,
7. Urine reabsorption 8. Reduced muscle ma 9. Certain drugs (e.g. 1 INCREASED RATIO (>20 1. Postrenal azotemia 2. Prerenal azotemia 3. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet an 3. Severe liver disease 4. Other causes of dec 5. Repeated dialysis (f 6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide therap 2. Rhabdomyolysis (re 3. Muscular patients v INAPPROPIATE RATIO 1. Diabetic ketoacidos	(e.g. ureter colostomy) ass (subnormal creatin tetracycline, glucocorti D:1) WITH ELEVATED CR (BUN rises disproporti superimposed on renal 0:1) WITH DECREASED I osis. d starvation. creased urea synthesis. urea rather than creati nonemias (urea is virtu f inappropiate antidiur 0:1) WITH INCREASED C oy (accelerates converse eleases muscle creatini who develop renal failu sis (acetoacetate cause	ine production) coids) EATININE LEVELS: onately more than creatin disease. BUN : ally absent in blood). etic harmone) due to tubu REATININE: ion of creatine to creatini ne). Ire. s false increase in creatin	ine) (e.g. obstructive cellular fluid). Ilar secretion of urea. ne).		
7. Urine reabsorption 8. Reduced muscle ma 9. Certain drugs (e.g. i INCREASED RATIO (>20 1. Postrenal azotemia 2. Prerenal azotemia 3. Prerenal azotemia 5. Low protein diet an 3. Severe liver disease 4. Other causes of dec 5. Repeated dialysis (f 6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide therap 2. Rhabdomyolysis (f 3. Muscular patients v INAPPROPIATE RATIO: 1. Diabetic ketoacidos should produce an inc 2. Cephalosporin therap	(e.g. ureter colostomy) ass (subnormal creatin tetracycline, glucocorti D:1) WITH ELEVATED CR (BUN rises disproporti superimposed on renal 0:1) WITH DECREASED I osis. d starvation. creased urea synthesis. urea rather than creati monemias (urea is virtu f inappropiate antidiur 0:1) WITH INCREASED C oy (accelerates conversi- eleases muscle creatini who develop renal failu sis (acetoacetate cause creased BUN/creatining apy (interferes with creatining apy (interferes with creatining	ine production) coids) EATININE LEVELS: onately more than creatin disease. BUN : BUN : Creatine diffuses out of extra- ually absent in blood). etic harmone) due to tubu REATININE: ion of creatine to creatini ne). ire. s false increase in creatin e ratio). atinine measurement).	ine) (e.g. obstructive cellular fluid). Ilar secretion of urea. ne).	uropathy).	
7. Urine reabsorption 8. Reduced muscle ma 9. Certain drugs (e.g. 1 INCREASED RATIO (>20 1. Postrenal azotemia 2. Prerenal azotemia 3. Prerenal azotemia DECREASED RATIO (<1 1. Acute tubular necro 2. Low protein diet an 3. Severe liver disease 4. Other causes of dec 5. Repeated dialysis (f 6. Inherited hyperamo 7. SIADH (syndrome o 8. Pregnancy. DECREASED RATIO (<1 1. Phenacimide therap 2. Rhabdomyolysis (f 3. Muscular patients v INAPPROPIATE RATIO : 1. Diabetic ketoacidos should produce an inc 2. Cephalosporin therap	(e.g. ureter colostomy) ass (subnormal creatin tetracycline, glucocorti D:1) WITH ELEVATED CR (BUN rises disproporti superimposed on renal 0:1) WITH DECREASED I osis. d starvation. creased urea synthesis. urea rather than creati nonemias (urea is virtu f inappropiate antidiur 0:1) WITH INCREASED C oy (accelerates conversi- eleases muscle creatini who develop renal failu who develop renal failu sis (acetoacetate cause creased BUN/creatining apy (interferes with cre LAR FILTERATION RATE)	ine production) coids) EATININE LEVELS: onately more than creatin disease. BUN : BUN : Creatine diffuses out of extra- ually absent in blood). etic harmone) due to tubu REATININE: ion of creatine to creatini ne). ire. s false increase in creatin e ratio). atinine measurement).	ine) (e.g. obstructive cellular fluid). Ilar secretion of urea. ne).	uropathy).	

CKD STAGE	DESCRIPTION	GFR (mL/min/1.73m2)	ASSOCIATED FINDINGS
G1	Normal kidney function	>90	No proteinuria
G2	Kidney damage with	>90	Presence of Protein,
	normal or high GFR		Albumin or cast in urine
G3a	Mild decrease in GFR	60 -89	
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	
•			•





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









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NAME	: Mrs. ANITA		
AGE/ GENDER	: 72 YRS/FEMALE	PATIENT ID	: 1826574
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012504110016
REFERRED BY	: CENTRAL PHOENIX CLUB (AMBALA CANTT)	REGISTRATION DATE	: 11/Apr/2025 09:31 AM
BARCODE NO.	: 01528786	COLLECTION DATE	: 11/Apr/2025 09:45AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 11/Apr/2025 01:53PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA 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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%

IRON DEFICIENCY ANEMIA

Reduced

Increased

Decreased < 12-15 %

Decreased

mg/dL

15.0 - 50.0

200.0 - 350.0

THALASSEMIA α/β TRAIT

Normal

Normal

Normal

Normal or Increased

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Test Name		Value	Unit	Biological Reference interval
		IRON	PROFILE	
IRON: SERUM by FERROZINE, SPEC	TROPHOTOMETRY	82.12	μg/dL	37.0 - 145.0
UNSATURATED IF SERUM by FERROZINE, SPEC	RON BINDING CAPACITY (UIBC)	217.18	μg/dL	150.0 - 336.0
TOTAL IRON BINI :SERUM	DING CAPACITY (TIBC)	299.3	μg/dL	230 - 430

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.

27.44

212.5

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.

ANEMIA OF CHRONIC DISEASE

Normal to Reduced

Decreased

Decreased

Normal to Increased

% TRANSFERRIN SATURATION:

by SPECTROPHOTOMETERY

TRANSFERRIN: SERUM

INTERPRETATION:-

%TRANSFERRIN SATURATION: SERUM

by SPECTROPHOTOMETERY (FERENE)

VARIABLES

SERUM IRON:

TOTAL IRON BINDING CAPACITY:

% TRANSFERRIN SATURATION:

SERUM FERRITIN:

by CALCULATED, SPECTROPHOTOMETERY (FERENE)

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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interv
Test Name		Value ENDOCRIN		Biological Reference interv
Test Name	THY		DLOGY	Biological Reference interv
TRIIODOTHYRON		ENDOCRIN (ROID FUNCTIO) 0.855	DLOGY	Biological Reference interv 0.35 - 1.93
TRIIODOTHYRON by CMIA (CHEMILUMII THYROXINE (T4):	IINE (T3): SERUM	ENDOCRING XROID FUNCTIO 0.855 SSAY) 8.46	OLOGY N TEST: TOTAL	
TRIIODOTHYRON by CMIA (CHEMILUMII THYROXINE (T4): by CMIA (CHEMILUMII THYROID STIMUI	IINE (T3): SERUM NESCENT MICROPARTICLE IMMUNOAS SERUM	ENDOCRING (ROID FUNCTIO) 0.855 SSAY) 8.46 SSAY) RUM 5.094	OLOGY N TEST: TOTAL ng/mL	0.35 - 1.93
TRIIODOTHYRON by CMIA (CHEMILUMII THYROXINE (T4): by CMIA (CHEMILUMII THYROID STIMUI	IINE (T3): SERUM NESCENT MICROPARTICLE IMMUNOAS SERUM NESCENT MICROPARTICLE IMMUNOAS LATING HORMONE (TSH): SE NESCENT MICROPARTICLE IMMUNOAS	ENDOCRING (ROID FUNCTIO) 0.855 SSAY) 8.46 SSAY) RUM 5.094	OLOGY N TEST: TOTAL ng/mL µgm/dL	0.35 - 1.93 4.87 - 12.60

CLINICAL CONDITION	Т3	T4	TSH
Primary Hypothyroidism:	Reduced	Reduced	Increased (Significantly)
Subclinical Hypothyroidism:	Normal or Low Normal	Normal or Low Normal	High
Primary Hyperthyroidism:	Increased	Increased	Reduced (at times undetectable)
Subclinical Hyperthyroidism:	Normal or High Normal	Normal or High Normal	Reduced

LIMITATIONS:-

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.

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.

TRIIODOTH	YRONINE (T3)	THYROXINE (T4)		THYROID STIMU	ATING 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





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Tost Nama	Valua	Unit	Biological Deference interval

Test Name		Value	Unit		Biological Reference interval	
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 – 12 Months	0.70 - 7.00	
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	
	RECOM	MENDATIONS OF TSH LE	EVELS DURING PREC	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.

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 Name	Value	Unit	Biological Reference interval
	V	ITAMINS	
	VITAMIN D/25 I	HYDROXY VITAMIN I	D3
,	(DROXY VITAMIN D3): SERUM 11.7 ^L escence immunoassay)	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
INTERPRETATION:			

MERINE MICH.						
DEFICIENT:	< 20	ng/mL				
INSUFFICIENT:	21 - 29	ng/mL				
PREFFERED RANGE:	30 - 100	ng/mL				
INTOXICATION:	> 100	ng/mL				

KOS Diagnostic Lab (A Unit of KOS Healthcare)

1. Vitamin D compounds are derived from dietary ergocalciferol (from plants, Vitamin D2), or cholecalciferol (from animals, Vitamin D3), or by conversion of 7- dihydrocholecalciferol to Vitamin D3 in the skin upon Ultraviolet exposure.

2.25-OH--Vitamin D represents the main body resevoir and transport form of Vitamin D and transport form of Vitamin D, being stored in adipose tissue and tightly bound by a transport protein while in circulation.

3. Vitamin D plays a primary role in the maintenance of calcium homeostatis. It promotes calcium absorption, renal calcium absorption and phosphate reabsorption, skeletal calcium deposition, calcium mobilization, mainly regulated by parathyroid harmone (PTH). 4. Severe deficiency may lead to failure to mineralize newly formed osteoid in bone, resulting in rickets in children and osteomalacia in adults. DECREASED:

1.Lack of sunshine exposure.

2.Inadequate intake, malabsorption (celiac disease) 3.Depressed Hepatic Vitamin D 25- hydroxylase activity

4. Secondary to advanced Liver disease

5. Osteoporosis and Secondary Hyperparathroidism (Mild to Moderate deficiency)

6.Enzyme Inducing drugs: anti-epileptic drugs like phenytoin, phenobarbital and carbamazepine, that increases Vitamin D metabolism.

INCREASED: 1. Hypervitaminosis D is Rare, and is seen only after prolonged exposure to extremely high doses of Vitamin D. When it occurs, it can result in severe hypercalcemia and hyperphophatemia.

CAUTION: Replacement therapy in deficient individuals must be monitored by periodic assessment of Vitamin D levels in order to prevent hypervitaminosis D

NOTE:-Dark coloured individuals as compare to whites, is at higher risk of developing Vitamin D deficiency due to excess of melanin pigment which interefere with Vitamin D absorption.



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ARCODE NO.	: 01528786		LECTION DATE	: 11/Apr/2025 09:45AM	
				•	
LIENT CODE.	: KOS DIAGNOSTIC LAB		DRTING DATE	: 11/Apr/2025 04:03PM	
LIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
by CMIA (CHEMILUMIN NTERPRETATION:-	BALAMIN: SERUM	VITAMIN B12/CO 1463 ^H DASSAY)	pg/mL	190.0 - 890.0	
by CMIA (CHEMILUMIN NTERPRETATION:- INCREAS	NESCENT MICROPARTICLE IMMUN	1463 ^H			
by CMIA (CHEMILUMIN <u>VTERPRETATION:-</u> INCREA 1.Ingestion of Vitan	NESCENT MICROPARTICLE IMMUNO SED VITAMIN B12 nin C	DASSAY) 1463 ^H	pg/mL	I B12	
by CMIA (CHEMILUMIN <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Estro	NESCENT MICROPARTICLE IMMUNO SED VITAMIN B12 nin C gen	1463 ^H DASSAY) 1.Pregnancy 2.DRUGS:Aspi	pg/mL DECREASED VITAMIN rin, Anti-convulsants,	I B12	
by CMIA (CHEMILUMIN <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitan	NESCENT MICROPARTICLE IMMUNO SED VITAMIN B12 nin C gen nin A	1463 ^H DASSAY) 1463 ^H 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges	pg/mL DECREASED VITAMIN rin, Anti-convulsants, ition	I B12	
by CMIA (CHEMILUMIN <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in	NESCENT MICROPARTICLE IMMUNO SED VITAMIN B12 nin C gen nin A njury	1463 ^H DASSAY) 1.Pregnancy 2.DRUGS:Aspi	pg/mL DECREASED VITAMIN rin, Anti-convulsants, ition ve Harmones	I B12	
by CMIA (CHEMILUMIN <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Vitar 3.Ingestion of Vitar 4.Hepatocellular in 5.Myeloproliferativ 6.Uremia	NESCENT MICROPARTICLE IMMUNO SED VITAMIN B12 nin C gen nin A njury	1463 ^H DASSAY) 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges 4. Contracepti 5.Haemodialy 6. Multiple M	pg/mL DECREASED VITAMIN rin, Anti-convulsants, ition ve Harmones rsis_ yeloma_	I B12	





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

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Dr. Vinay Chopra



Dr. Yugam Chopra

	MD (Pathology & Chairman & Cons			(Pathology)	
NAME	: Mrs. ANITA				
AGE/ GENDER	: 72 YRS/FEMALE	P	ATIENT ID	: 1826574	
COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012504110016	
REFERRED BY	: CENTRAL PHOENIX CLUB (AI	MBALA CANTT) R	EGISTRATION DATE	: 11/Apr/2025 09:31 AM	
BARCODE NO.	:01528786	C	OLLECTION DATE	: 11/Apr/2025 09:45AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 11/Apr/2025 11:13AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
			ATHOLOGY OSCOPIC EXAMI	NATION	
PHYSICAL EXAM					
QUANTITY RECIE	VED STANCE SPECTROPHOTOMETRY	10	ml		
COLOUR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	PALE YELL	LOW	PALE YELLOW	
TRANSPARANCY by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	HAZY		CLEAR	
	TANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030	
CHEMICAL EXAM REACTION	<u> IINATION</u>	ACIDIC			
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
pH	TANCE SPECTROPHOTOMETRY	6		5.0 - 7.5	
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
NITRITE	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)	
UROBILINOGEN	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0	
VETONE DODIES		Magative			

Negative

Negative

NEGATIVE (-ve)

KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY BLOOD

by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY ASCORBIC ACID

by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY

MICROSCOPIC EXAMINATION



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

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NEGATIVE (-ve)

NEGATIVE (-ve)

NEGATIVE (-ve)







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

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

NAME	: Mrs. ANITA			
AGE/ GENDER	: 72 YRS/FEMALE	PATIENT 1	D	: 1826574
COLLECTED BY	: SURJESH	REG. NO./	LAB NO.	: 012504110016
REFERRED BY	: CENTRAL PHOENIX CLUB (AMI	BALA CANTT) REGISTRA	TION DATE	: 11/Apr/2025 09:31 AM
BARCODE NO.	: 01528786	COLLECTI	ON DATE	: 11/Apr/2025 09:45AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTIN	IG DATE	: 11/Apr/2025 11:13AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
RED BLOOD CELL by MICROSCOPY ON C	S (RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3
PUS CELLS		3-4	/HPF	0 - 5

8-10	/HPF	ABSENT
NEGATIVE (-ve)		NEGATIVE (-ve)
NEGATIVE (-ve)		NEGATIVE (-ve)
NEGATIVE (-ve)		NEGATIVE (-ve)
NEGATIVE (-ve)		NEGATIVE (-ve)
ABSENT		ABSENT
	NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve)	NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve) NEGATIVE (-ve)

*** End Of Report ***





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

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

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