



	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultan	obiology)		(Pathology)	
NAME : N	Irs. JASRAJ AGNIHOTRI	it Fathologis		t Fathologist	
	IFS. JASKAJ AGNIHOT KI 0 YRS/FEMALE		PATIENT ID	: 1780447	
COLLECTED BY :			REG. NO./LAB NO.	: 012503(060008
REFERRED BY			REGISTRATION DATE		2025 08:10 AM
BARCODE NO. : 0	1526538		COLLECTION DATE	:06/Mar/2	2025 12:09PM
CLIENT CODE. : K	OS DIAGNOSTIC LAB		REPORTING DATE	:06/Mar/2	2025 09:16AM
CLIENT ADDRESS : 6	349/1, NICHOLSON ROAD, AMBA	ALA CANTI			
Test Name		Value	Unit	B	iological Reference interval
	SWASTI	HVA WF	LLNESS PANEL: 1.	5	
			OOD COUNT (CBC)	U III	
RED BLOOD CELLS (RI	BCS) COUNT AND INDICES				
HAEMOGLOBIN (HB)		13.6	gm/dL	1	2.0 - 16.0
by CALORIMETRIC RED BLOOD CELL (RBC) COUNT	5.1 ^H	Millions	/cmm 3	5.50 - 5.00
by HYDRO DYNAMIC FOCU	SING, ELECTRICAL IMPEDENCE				
PACKED CELL VOLUME by CALCULATED BY AUTO	(PCV) MATED HEMATOLOGY ANALYZER	42.2	%	3	57.0 - 50.0
MEAN CORPUSCULAR V	OLUME (MCV) MATED HEMATOLOGY ANALYZER	82.7	fL	8	0.0 - 100.0
MEAN CORPUSCULAR I	HAEMOGLOBIN (MCH)	26.7 ^L	pg	2	7.0 - 34.0
	MATED HEMATOLOGY ANALYZER HEMOGLOBIN CONC. (MCHC)	32.3	g/dL	3	2.0 - 36.0
by CALCULATED BY AUTO	MATED HEMATOLOGY ANALYZER		Ŭ		
RED CELL DISTRIBUTI(by CALCULATED BY AUTO	ON WIDTH (RDW-CV) MATED HEMATOLOGY ANALYZER	15.2	%	1	1.00 - 16.00
RED CELL DISTRIBUTIO	ON WIDTH (RDW-SD) MATED HEMATOLOGY ANALYZER	47.3	fL	3	5.0 - 56.0
MENTZERS INDEX	MATED HEMATOLOGY ANALYZER	16.22	RATIO	В	SETA THALASSEMIA TRAIT: <
by CALCULATED					3.0 RON DEFICIENCY ANEMIA:
					13.0
GREEN & KING INDEX		24.68	RATIO		ETA THALASSEMIA TRAIT:<
by CALCULATED					5.0 RON DEFICIENCY ANEMIA: >
					5.0
WHITE BLOOD CELLS		1260		4	000 11000
TOTAL LEUCOCYTE CO by FLOW CYTOMETRY BY S		4360	/cmm	4	.000 - 11000
NUCLEATED RED BLOC		NIL		0	.00 - 20.00
NUCLEATED RED BLOC	DD CELLS (nRBCS) %	NIL	%	<	10 %
by CALCULATED BY AUTO	MATED HEMATOLOGY ANALYZER				





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

NAME	: Mrs. JASRAJ AGNIHOTRI		
AGE/ GENDER	: 50 YRS/FEMALE	PATIENT ID	: 1780447
COLLECTED BY	:	REG. NO./LAB NO.	: 012503060008
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Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	57	%	50 - 70
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	29	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7 ^H	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7	%	2 - 12
BASOPHILS by flow cytometry by sf cube & microscopy ABSOLUTE LEUKOCYTES (WBC) COUNT	0	%	0 - 1
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	2485	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1264	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	305	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by flow cytometry by sf cube & microscopy	305	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
ABSOLUTE IMMATURE GRANULOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0.0 - 999.0
PLATELETS AND OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	239000	/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	11	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	86000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by hydro dynamic focusing, electrical impedence	36	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	16.5	%	15.0 - 17.0



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NAME	: Mrs. JASRAJ AGNIHOTRI		
AGE/ GENDER	: 50 YRS/FEMALE	PATIENT ID	: 1780447
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Test Name	Value	Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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







	Dr. Vinay Ch MD (Pathology & Chairman & Con		Dr. Yugan MD CEO & Consultant	(Pathology)	
IAME	: Mrs. JASRAJ AGNIHOTRI				
GE/ GENDER	: 50 YRS/FEMALE	PATI	ENT ID	: 1780447	
COLLECTED BY	:	REG.	NO./LAB NO.	: 012503060008	
REFERRED BY	•	RFG	STRATION DATE	:06/Mar/202508:10A	M
BARCODE NO.	: 01526538		ECTION DATE	: 06/Mar/2025 12:09Pl	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		ORTING DATE	: 06/Mar/2025 12:36Pl	M
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT			
Test Name		Value	Unit	Biological Re	eference interval
	GLYC	OSYLATED HAEM(GLOBIN (HBA1	C)	
WHOLE BLOOD	EMOGLOBIN (HbA1c):	5.6	%	4.0 - 6.4	
	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	114.02	mg/dL	60.00 - 140.0	10
	AS PER AMERICAN	DIABETES ASSOCIATION	(ADA):		
	REFERENCE GROUP	GLYCOS	YLATED HEMOGLOGIB	(HBAIC) in %	
	abetic Adults >= 18 years	<5.7			
	t Risk (Prediabetes)	5.7 – 6.4			
D	iagnosing Diabetes		>= 6.5		
			Age > 19 Years	7.0	
Thorser	is goals for glussmis control	Goals of Th		< 7.0	
rnerapeut	ic goals for glycemic control	Actions Suge		>8.0	
		Casterfile	Age < 19 Years	7 5	
		Goal of the	erapy:	<7.5	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

COMMENTS:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

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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DR.YUGAM CHOPRA

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		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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ARCODE NO.	:01526538	COLLE	ECTION DATE	:06/Mar/2025 12:09PM
LIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 06/Mar/2025 09:53AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT		
Cest Name		Value	Unit	Biological Reference interval
An ESR can be affe s C-reactive protein This test may also ystemic lupus eryth CONDITION WITH LO Now ESR can be see polycythaemia), sigr s sickle cells in sickl IOTE: ESR and C - reactiv Generally, ESR doe CRP is not affected	be used to monitor disease act ematosus W ESR n with conditions that inhibit th	es inflammation. For this r ivity and response to ther he normal sedimentation count (leucocytosis), and ESR. ers of inflammation. s CRP, either at the start o ESR, making it a better mai	eason, the ESR is typ apy in both of the at of red blood cells, su some protein abnor f inflammation or as rker of inflammation	bically used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (such s it resolves.
Women tend to ha Drugs such as dext	ive a higher ESR, and menstruat	tion and pregnancy can cau	use temporary elevat	tions. line, and vitamin A can increase ESR, while

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CLIENT ADDRESS	: 6349/1, NICHOLSON RC	DAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLI	NICAL CHEMISTRY	Y/BIOCHEMIST	RY
		GLUCOSE FAS	STING (F)	
GLUCOSE FASTIN	G (F): PLASMA Se - peroxidase (god-pod)	82.75	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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 PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER	: Mrs. JASRAJ AGNIHOTRI : 50 YRS/FEMALE		PATIENT ID	: 1780447
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CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA]	REPORTING DATE	: 06/Mar/2025 12:10PM
Test Name		Value	Unit	Biological Reference interval
		LIPID PRO	FILE : BASIC	
CHOLESTEROL TOT by CHOLESTEROL OX		185.79	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SI by GLYCEROL PHOSP	ERUM HATE OXIDASE (ENZYMATIC)	75.03	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROI by SELECTIVE INHIBITI	L (DIRECT): SERUM	72.6	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		98.18	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 CHOLEST by CALCULATED, SPE		113.19	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 CHOLESTERC		15.01	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER by CALCULATED, SPE	UM	446.61	mg/dL	350.00 - 700.00
CHOLESTEROL/HD by CALCULATED, SPE	L RATIO: SERUM	2.56	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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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.35	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE		1.03 ^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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Dr. Yugam Chopra MD (Pathology) & Consultant Pathologist

:1780447

:012503060008

:06/Mar/2025 08:10 AM

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: 50 YRS/FEMALE	PATIENT ID
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CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Test Name	Value	Unit	Biological Reference interval
LIVER	FUNCTION TEST	(COMPLETE)	
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY	0.7	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.16	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.54	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	23	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	21.4	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.07	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	74.71	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	15.2	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.59	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.24	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	2.35	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.8	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:

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)





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NAME

AGE/ GENDER





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Test Name		Value Unit	Biological Reference interval

DECREASED:

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

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

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



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Test Name		Value	Unit	Biological Reference interval
	KIDNI	EY FUNCTION	N TEST (COMPLETE)	
UREA: SERUM		33.75	mg/dL	10.00 - 50.00
•	IATE DEHYDROGENASE (GLDH)		Ũ	
CREATININE: SERU		0.85	mg/dL	0.40 - 1.20
-	OGEN (BUN): SERUM	15.77	mg/dL	7.0 - 25.0
BLOOD UREA NITE	ROGEN (BUN)/CREATININE	18.55	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE	ECTROPHOTOMETRY			
UREA/CREATININ	E RATIO: SERUM	39.71	RATIO	
by CALCULATED, SPE URIC ACID: SERUM		3.89	mg/dL	2.50 - 6.80
by URICASE - OXIDAS			Ũ	
CALCIUM: SERUM by ARSENAZO III, SPE	CTROPHOTOMETRY	9.89	mg/dL	8.50 - 10.60
PHOSPHOROUS: SE	ERUM	3.18	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBE <u>ELECTROLYTES</u>	DATE, SPECTROPHOTOMETRY			
<u>ELECTROLITES</u> SODIUM: SERUM		139.6	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV	'E ELECTRODE)	139.0	IIIII01/ L	133.0 - 130.0
POTASSIUM: SERU		4.52	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV CHLORIDE: SERUM		104.7	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	'E ELECTRODE)			
	IERULAR FILTERATION RATE			
ESTIMATED GLOM	ERULAR FILTERATION RATE	83.4		

(eGFR): SERUM

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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by CALCULATED





	MD (Pathology 8	Dr. Vinay ChopraDr. Yugam Chopra1D (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist					
NAME	: Mrs. JASRAJ AGNIHOTRI						
AGE/ GENDER	: 50 YRS/FEMALE	PA	ATIENT ID	: 1780447	7		
COLLECTED BY	:	RI	EG. NO./LAB NO.	: 012503	3060008		
REFERRED BY	•	RI	EGISTRATION DAT	FE : 06/Mar	/2025 08:10 A	М	
BARCODE NO.	: 01526538		DLLECTION DATE		/2025 12:09PN		
CLIENT CODE.	: KOS DIAGNOSTIC LAB		EPORTING DATE		/2025 12:001N		
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LIENI ADDRESS	: 6349/1, NICHOLSON ROAD,	AWIDALA CAN I I					
Test Name		Value	Unit		Biological Re	eference inter	val
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinine produ tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately n superimposed on renal disease.	LEVELS:) (e.g. obstructive u	-			et,
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia DECREASED RATIO (< 1. Acute tubular necr 2. Low protein diet ar 3. Severe liver disease 4. Other causes of de 5. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome of 8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin ther ESTIMATED GLOMERI CKD STAGE G1	(e.g. ureter colostomy) ass (subnormal creatinine produ- tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately n superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. 2. creased urea synthesis. urea rather than creatinine diffu- monemias (urea is virtually abse- of inappropiate antidiuretic harm 0:1) WITH INCREASED CREATININ py (accelerates conversion of cre- eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n ULAR FILTERATION RATE: <u>DESCRIPTION</u> Normal kidney func	LEVELS: ore than creatinine ses out of extracellunt in blood). one) due to tubular E: atine to creatinine) erease in creatinine easurement).	ular fluid). secretion of urea. with certain metho min/1.73m2) >90	pdologies,resultin	NDINGS uria	atio when dehy	
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL OKD STAGE	(e.g. ureter colostomy) ass (subnormal creatinine produ- tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately n superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. 2. creased urea synthesis. urea rather than creatinine diffu- monemias (urea is virtually abse- of inappropiate antidiuretic harm 0:1) WITH INCREASED CREATININ py (accelerates conversion of cre- eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n ULAR FILTERATION RATE: DESCRIPTION Normal kidney func-	LEVELS: ore than creatinine ses out of extracellunt in blood). one) due to tubular E: atine to creatinine) crease in creatinine easurement). GFR (mL/ ion	ular fluid). secretion of urea. with certain metho min/1.73m2)	odologies,resultin ASSOCIATED FII Presence of Pr	VDINGS uria otein ,	atio when dehy	
B. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERU CKD STAGE G1 G2	(e.g. ureter colostomy) ass (subnormal creatinine produ- tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately n superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. e. creased urea synthesis. urea rather than creatinine diffu- monemias (urea is virtually abse- of inappropiate antidiuretic harm 0:1) WITH INCREASED CREATININ py (accelerates conversion of cre- eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n ILAR FILTERATION RATE: <u>DESCRIPTION</u> <u>Normal kidney func- Kidney damage wi- normal or high GF</u>	LEVELS: ore than creatinine ses out of extracellunt in blood). one) due to tubular E: atine to creatinine) crease in creatinine easurement). GFR (mL/ ion	ular fluid). secretion of urea. with certain metho <u>min/1.73m2)</u> >90 >90	pdologies,resultin	VDINGS uria otein ,	atio when dehy	
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido Should produce an in Cephalosporin ther ESTIMATED GLOMERI G1 	(e.g. ureter colostomy) ass (subnormal creatinine produ- tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately n superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. 2. creased urea synthesis. urea rather than creatinine diffu- monemias (urea is virtually abse- of inappropiate antidiuretic harm 0:1) WITH INCREASED CREATININ py (accelerates conversion of cre- eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n ULAR FILTERATION RATE: DESCRIPTION Normal kidney func-	LEVELS: ore than creatinine ses out of extracellunt in blood). one) due to tubular E: atine to creatinine) crease in creatinine easurement). GFR (mL/ ion h R 6	ular fluid). secretion of urea. with certain metho min/1.73m2) >90	odologies,resultin ASSOCIATED FII Presence of Pr	VDINGS uria otein ,	atio when dehy	
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia DECREASED RATIO (Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido Should produce an in Cephalosporin ther ESTIMATED GLOMERL G1 G2 	(e.g. ureter colostomy) ass (subnormal creatinine produ- tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE (BUN rises disproportionately n superimposed on renal disease. 0:1) WITH DECREASED BUN : osis. d starvation. e. creased urea synthesis. urea rather than creatinine diffu- monemias (urea is virtually abse- of inappropiate antidiuretic harm 0:1) WITH INCREASED CREATININ py (accelerates conversion of cre- eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine n UAR FILTERATION RATE: DESCRIPTION Normal kidney func- Kidney damage wi normal or high GF Mild decrease in G	LEVELS: ore than creatinine ses out of extracellunt in blood). one) due to tubular E: atine to creatinine) crease in creatinine easurement). GFR (mL/ ion h R GFR (mL/ GFR (mL/ 3	ular fluid). secretion of urea. with certain metho <u>min/1.73m2)</u> >90 >90 0 -89	odologies,resultin ASSOCIATED FII Presence of Pr	VDINGS uria otein ,	atio when dehy	



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

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









	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mrs. JASRAJ AGNIHOTRI		
AGE/ GENDER	: 50 YRS/FEMALE	PATIENT ID	: 1780447
COLLECTED BY	:	REG. NO./LAB NO.	: 012503060008
REFERRED BY	:	REGISTRATION DATE	: 06/Mar/2025 08:10 AM
BARCODE NO.	: 01526538	COLLECTION DATE	: 06/Mar/2025 12:09PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 06/Mar/2025 12:10PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Т	
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

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 Cho MD (Pathology & Chairman & Cons	Microbiology)		(Pathology)
NAME	: Mrs. JASRAJ AGNIHOTRI			
AGE/ GENDER	: 50 YRS/FEMALE	1	PATIENT ID	: 1780447
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
L			PROFILE	
IRON: SERUM		72.4	Jb/gu	37.0 - 145.0

	IRON P.	ROFILE	
IRON: SERUM by FERROZINE, SPECTROPHOTOMETRY	72.4	μg/dL	37.0 - 145.0
UNSATURATED IRON BINDING CAPACITY (UIBC) SERUM by FERROZINE, SPECTROPHOTOMETERY	223.2	μg/dL	150.0 - 336.0
TOTAL IRON BINDING CAPACITY (TIBC) :SERUM by SPECTROPHOTOMETERY	295.6	μg/dL	230 - 430
%TRANSFERRIN SATURATION: SERUM by Calculated, spectrophotometery (ferene)	24.49	%	15.0 - 50.0
TRANSFERRIN: SERUM by SPECTROPHOTOMETERY (FERENE)	209.88	mg/dL	200.0 - 350.0
INTERPRETATION:-			
VARIABLES ANEMIA OF CHROI	VIC DISEASE	IRON DEFICIENCY ANEMIA	THALASSEMIA α/β TRAIT

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):
 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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	Dr. Vinay Chopr MD (Pathology & Micr Chairman & Consultar	Microbiology) MD (Pathology)		
NAME	: Mrs. JASRAJ AGNIHOTRI			
AGE/ GENDER	: 50 YRS/FEMALE	PATI	ENT ID	: 1780447
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REFERRED BY	:	REGIS	STRATION DATE	:06/Mar/202508:10 AM
BARCODE NO.	: 01526538	COLL	ECTION DATE	:06/Mar/2025 12:09PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	:06/Mar/2025 12:10PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		ENDOCRING	DLOGY	
	THYR	DID FUNCTION	TEST: TOTAL	
TRIIODOTHYRONI	NE (T3): SERUM iescent microparticle immunoassay,	0.844	ng/mL	0.35 - 1.93
THYROXINE (T4): S by CMIA (CHEMILUMIN	SERUM iescent microparticle immunoassay,	7.49	µgm/dL	4.87 - 12.60
	ATING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNOASSAY,	2.593	µIU/mL	0.35 - 5.50
3rd GENERATION, ULT <u>INTERPRETATION</u> :	RASENSITIVE			
day has influence on the striiodothyronine (T3).Fai		nulates the productior	and secretion of the m	m. The variation is of the order of 50%.Hence time of t netabolically active hormones, thyroxine (T4)and er underproduction (hypothyroidism) or
CLINICAL CONDITION	T3	T4		TSH
Primary Hypothyroidis	m: Reduced	Red	uced I	ncreased (Significantly)

CLINICAL CONDITION	Τ3	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 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





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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Patholog		(Pathology)
NAME	: Mrs. JASRAJ AGNIHOTRI		
AGE/ GENDER	: 50 YRS/FEMALE	PATIENT ID	: 1780447
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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	IMENDATIONS OF TSH LI	EVELS 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.

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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		Chopra ogy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
AME	: Mrs. JASRAJ AGNIHOTH	RI		
GE/ GENDER	: 50 YRS/FEMALE]	PATIENT ID	: 1780447
OLLECTED BY	:]	REG. NO./LAB NO.	: 012503060008
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LIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	:06/Mar/2025 12:10PM
LIENT ADDRESS	: 6349/1, NICHOLSON RC			
Fest Name		Value	Unit	Biological Reference interval
	v		AMINS DROXY VITAMIN D3	3
by CLIA (CHEMILUMINE	ROXY VITAMIN D3): SEI SCENCE IMMUNOASSAY)	RUM 57.7	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
<u>Nterpretation:</u> Defic	FNT·	< 20	n	g/mL
INSUFFI		21 - 29		g/mL
PREFFEREI INTOXIC		<u>30 - 100</u> > 100		g/mL
onversion of 7- dihvd .25-OHVitamin D re issue and tightly bou	rocholecalciferol to Vitami presents the main body res nd by a transport protein v imary role in the maintena	in D3 in the skin upon l sevoir and transport for while in circulation. Ince of calcium homeos	Jltraviolet exposure. rm of Vitamin D and transp statis. It promotes calcium ion, mainly regulated by c	lecalciferol (from animals, Vitamin D3), or by port form of Vitamin D, being stored in adipo n absorption, renal calcium absorption and parathyroid harmone (PTH). ickets in children and osteomalacia in adults.

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Chopra y & Microbiology) onsultant Pathologist	Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME	: Mrs. JASRAJ AGNIHOTRI				
AGE/ GENDER	: 50 YRS/FEMALE	PAT	ENT ID	: 1780447	
COLLECTED BY	:	REG	NO./LAB NO.	: 012503060008	
REFERRED BY			STRATION DATE	: 06/Mar/2025 08:10 AM	
BARCODE NO.	: 01526538		LECTION DATE	: 06/Mar/2025 12:09PM	
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA		ORTING DATE	: 06/Mar/2025 01:07PM	
Fest Name		Value	Unit	Biological Reference interval	
		VITAMIN B12/C	OBALAMIN		
	BALAMIN: SERUM	124 ^L DASSAY)	pg/mL	190.0 - 890.0	
	SED VITAMIN B12		DECREASED VITAMIN	V B12	
1.Ingestion of Vitar		1.Pregnancy			
2.Ingestion of Estro			rin, Anti-convulsants	, Colchicine	
3.Ingestion of Vitan		3.Ethanol Ige			
4.Hepatocellular injury		4. Contracept			
5.Myeloproliferativ 6.Uremia	le disorder	5.Haemodial 6. Multiple M			
	lamin) is necessary for hemato				
2.In humans, it is ob 3.The body uses its v excreted. 4.Vitamin B12 deficié leal resection, smal	tained only from animal prote itamin B12 stores very econor ency may be due to lack of IF s I intestinal diseases). ency frequently causes macroo	ins and requires intrinsic nically, reabsorbing vitam ecretion by gastric mucos cytic anemia, glossitis, pe	factor (IF) for absorp in B12 from the ileun a (eg, gastrectomy, g ripheral neuropathy,	tion. n and returning it to the liver; very little is astric atrophy) or intestinal malabsorption (eg weakness, hyperreflexia, ataxia, loss of occur in any combination; many patients have	





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NAME	: Mrs. JASRAJ AGNIHOTRI				
AGE/ GENDER	: 50 YRS/FEMALE	PATIENT	ID	: 1780447	
COLLECTED BY	:	REG. NO.	/LAB NO.	: 012503060008	
REFERRED BY	:	REGISTR	ATION DATE	: 06/Mar/2025 08:10 AM	
BARCODE NO.	: 01526538	COLLECTION DATE		: 06/Mar/2025 12:09PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE		: 06/Mar/2025 09:27AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
		CLINICAL PATHO	DLOGY		
	URINE RO	UTINE & MICROSCO		ATION	
PHYSICAL EXAMIN					
QUANTITY RECIEV	ED	10	ml		
COLOUR	TANCE SPECTROPHOTOMETRY TANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW	
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR	
SPECIFIC GRAVITY		>=1.030		1.002 - 1.030	
CHEMICAL EXAMI					
REACTION by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	ACIDIC			
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
SUGAR	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
рН	TANCE SPECTROPHOTOMETRY	<=5.0		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	
KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
BLOOD	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)	
ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)	
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. JASRAJ AGNIHOTRI					
AGE/ GENDER	: 50 YRS/FEMALE	I	PATIENT ID	: 1780447		
COLLECTED BY	:	I	REG. NO./LAB NO.	: 012503060008		
REFERRED BY	RCODE NO.: 01526538IENT CODE.: KOS DIAGNOSTIC LAB		REGISTRATION DATE	: 06/Mar/2025 08:10 AM		
BARCODE NO.			COLLECTION DATE	:06/Mar/2025 12:09PM		
CLIENT CODE.			REPORTING DATE	:06/Mar/202509:27AM		
CLIENT ADDRESS						
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		
FPITHFLIAL CELLS	2	2-4	/HPF	ABSENT		

	EBIMEIT			
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SI	2-4 EDIMENT	/HPF	ABSENT	
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SI	NEGATIVE (-ve)		NEGATIVE (-ve)	
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SI	NEGATIVE (-ve)		NEGATIVE (-ve)	
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SI	NEGATIVE (-ve)		NEGATIVE (-ve)	
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SI	NEGATIVE (-ve)		NEGATIVE (-ve)	
TRICHOMONAS VAGINALIS (PROTOZOA by MICROSCOPY ON CENTRIFUGED URINARY SI			ABSENT	

*** End Of Report ***



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