



	Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology)		(Pathology)
NAME	: Mrs. REENA BAKSHI			
AGE/ GENDER	: 43 YRS/FEMALE		PATIENT ID	: 1674381
COLLECTED BY	:		REG. NO./LAB NO.	: 012411170032
REFERRED BY	:		REGISTRATION DATE	: 17/Nov/2024 11:32 AM
BARCODE NO.	: 01520975		COLLECTION DATE	: 17/Nov/2024 11:34AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB		REPORTING DATE	: 17/Nov/2024 12:04PM
Test Name		Value	Unit	Biological Reference interval
	SWAST	'HYA WEI	LLNESS PANEL: 1.5	ō
	COM	PLETE BLO	DOD COUNT (CBC)	
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (H	B)	12.2	gm/dL	12.0 - 16.0
by CALORIMETRIC RED BLOOD CELL ((RBC) COUNT	4.62	Millions/	/cmm 3.50 - 5.00
by HYDRO DYNAMIC F	OCUSING, ELECTRICAL IMPEDENCE	00.0		
PACKED CELL VOL by CALCULATED BY A	UME (PCV) AUTOMATED HEMATOLOGY ANALYZER	39.3	%	37.0 - 50.0
	AR VOLUME (MCV) AUTOMATED HEMATOLOGY ANALYZER	85.2	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	26.5 ^L	pg	27.0 - 34.0
MEAN CORPUSCUL	AUTOMATED HEMATOLOGY ANALYZER AR HEMOGLOBIN CONC. (MCHC)	31.1 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIB	AUTOMATED HEMATOLOGY ANALYZER SUTION WIDTH (RDW-CV)	15.8	%	11.00 - 16.00
-	AUTOMATED HEMATOLOGY ANALYZER SUTION WIDTH (RDW-SD)	50.7	fL	35.0 - 56.0
by CALCULATED BY A	AUTOMATED HEMATOLOGY ANALYZER			
MENTZERS INDEX by CALCULATED		18.44	RATIO	BETA THALASSEMIA TRAIT: < 13.0
				IRON DEFICIENCY ANEMIA:
GREEN & KING INI	DEX	29.24	RATIO	>13.0 BETA THALASSEMIA TRAIT:<
by CALCULATED				65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE	LLS (WBCS)			
TOTAL LEUCOCYTI	E COUNT (TLC) y by sf cube & microscopy	11920 ^H	/cmm	4000 - 11000
NUCLEATED RED H	BLOOD CELLS (nRBCS)	NIL		0.00 - 20.00
	RT HEMATOLOGY ANALYZER BLOOD CELLS (nRBCS) %	NIL	%	< 10 %
	AUTOMATED HEMATOLOGY ANALYZER	INIL	70	× 10 /0

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. REENA BAKSHI **AGE/ GENDER** : 43 YRS/FEMALE **PATIENT ID** :1674381 **COLLECTED BY** :012411170032 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 17/Nov/2024 11:32 AM **BARCODE NO.** :01520975 **COLLECTION DATE** :17/Nov/2024 11:34AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 17/Nov/2024 12:04PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 67 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 26% 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 2 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 5 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 2000 - 7500 7986^H /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 3099 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 238 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 596 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 255000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.36 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 14^H fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 138000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 54^H 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.3% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

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



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







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Test Name	Valu	ıe Unit	Biological Reference interval





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

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CLIENT ADDRESS		9/1, NICHOLSON ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
Test Name	GLY			Biological Reference interval
Test Name GLYCOSYLATED HAEI		Value COSYLATED HAEMO(5.9		Biological Reference interval 4.0 - 6.4
GLYCOSYLATED HAEI WHOLE BLOOD	MOGLOBIN (HbA1c):	COSYLATED HAEMO	GLOBIN (HBA1C)	U
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI	MOGLOBIN (HbA1c):	COSYLATED HAEMO	GLOBIN (HBA1C)	U
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	COSYLATED HAEMOO 5.9	GLOBIN (HBA1C) %	4.0 - 6.4
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION:	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	COSYLATED HAEMOO 5.9 122.63 ETES ASSOCIATION (ADA):	GLOBIN (HBA1C) %	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: REI Non diabu	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAB FERENCE GROUP etic Adults >= 18 years	COSYLATED HAEMOO 5.9 122.63 ETES ASSOCIATION (ADA):	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) in <5.7	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: REL Non diab At R	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAB FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes)	COSYLATED HAEMOO 5.9 122.63 ETES ASSOCIATION (ADA):	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) in <5.7 5.7 - 6.4	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At R	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAB FERENCE GROUP etic Adults >= 18 years	COSYLATED HAEMOO 5.9 122.63 ETES ASSOCIATION (ADA): GLYCOSYLATED H	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) in <5.7 5.7 - 6.4 >= 6.5	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At R	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAB FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes)	COSYLATED HAEMOO 5.9 122.63 ETES ASSOCIATION (ADA): GLYCOSYLATED H	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) in <5.7 5.7 - 6.4 >= 6.5 e > 19 Years	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE Non diabi At R Dia;	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAB FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes) gnosing Diabetes	COSYLATED HAEMO 5.9 122.63 ETES ASSOCIATION (ADA): GLYCOSYLATED H Ag Goals of Therapy:	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) in <5.7 5.7 - 6.4 >= 6.5 e > 19 Years < 7.0	4.0 - 6.4 60.00 - 140.00
GLYCOSYLATED HAEI WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAGI by HPLC (HIGH PERFORM INTERPRETATION: RE Non diabi At R Dia;	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAB FERENCE GROUP etic Adults >= 18 years Risk (Prediabetes)	COSYLATED HAEMO 5.9 122.63 ETES ASSOCIATION (ADA): GLYCOSYLATED F COSYLATED F Ag Goals of Therapy: Actions Suggested:	GLOBIN (HBA1C) % mg/dL HEMOGLOGIB (HBAIC) in <5.7 5.7 - 6.4 >= 6.5 e > 19 Years	4.0 - 6.4 60.00 - 140.00

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 4.High appropiate.

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.





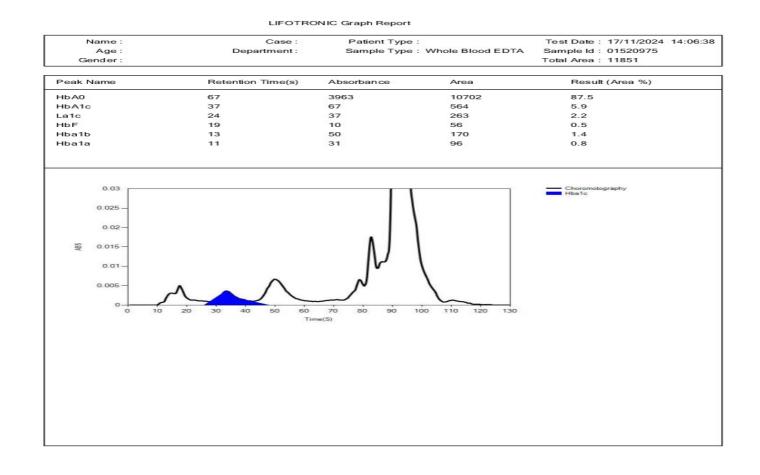
DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultan	obiology) MI	m Chopra D (Pathology) nt Pathologist
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Test Name		Value Unit	Biological Reference interva







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

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Test Name		Value	Unit	Biological Reference interval
<i>by RED CELL AGGRE</i> NTERPRETATION: . ESR is a non-specif mmune disease, but	DIMENTATION RATE (ESR) GATION BY CAPILLARY PHOTOMETRY fic test because an elevated result does not tell the health practition ected by other conditions besides in	73 ^H often indicates er exactly where flammation. Fo	e the inflammation is in the	hr 0 - 20
3. This test may also systemic lupus eryth CONDITION WITH LO A low ESR can be see polycythaemia), sign as sickle cells in sick NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat	ematosus W ESR en with conditions that inhibit the r	normal sedimen nt (leucocytosis 2. of inflammation P, either at the making it a bet oes of proteins,	tation of red blood cells, s s), and some protein abno start of inflammation or a: ter marker of inflammation globulins or fibrinogen.	rmalities. Šome changes in red cell shape (such s it resolves. 1.





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



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	MD (Pathol	y Chopra logy & Microbiology) & Consultant Pathologist	Dr. Yugam MD (I CEO & Consultant F	Pathology)
NAME	: Mrs. REENA BAKSHI			
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CLIENT ADDRESS	: 6349/1, NICHOLSON R	OAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLI	INICAL CHEMISTRY GLUCOSE FAS		RY
GLUCOSE FASTING		82.67		NORMAL: < 100.0
	E - PEROXIDASE (GOD-POD)	02.07	mg/dL	PREDIABETIC: 100.0 - 125.0

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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		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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Fest Name		Value	Unit	Biological Reference interval
		LIPID PROF	TLE : BASIC	
CHOLESTEROL TOT	AL: SERUM	149.96	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL OXI		110.00	ing, ui	BORDERLINE HIGH: 200.0 -
				239.0 HIGH CHOLESTEROL: > OR =
				1000000000000000000000000000000000000
RIGLYCERIDES: SE		93.91	mg/dL	OPTIMAL: < 150.0
by GLYCEROL PHOSPH	HATE OXIDASE (ENZYMATIC)			BORDERLINE HIGH: 150.0 - 199.0
				HIGH: 200.0 - 499.0
				VERY HIGH: $> OR = 500.0$
IDL CHOLESTEROL by SELECTIVE INHIBITION		32.95	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0
by SELECTIVE INITIDITY				60.0
				HIGH HDL: $> OR = 60.0$
DL CHOLESTEROL by CALCULATED, SPEC		98.23	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.
by CALCOLATED, ST LC	SINCI NOTOMETRI			BORDERLINE HIGH: 130.0 -
				159.0
				HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
ION HDL CHOLEST	EROL: SERUM	117.01	mg/dL	OPTIMAL: < 130.0
by CALCULATED, SPEC			0	ABOVE OPTIMAL: 130.0 - 159.
				BORDERLINE HIGH: 160.0 - 189.0
				HIGH: 190.0 - 219.0
				VERY HIGH: $> OR = 220.0$
LDL CHOLESTERO by CALCULATED, SPEC		18.78	mg/dL	0.00 - 45.00
OTAL LIPIDS: SER	UM	393.83	mg/dL	350.00 - 700.00
by CALCULATED, SPEC		L R - U	DATIO	
CHOLESTEROL/HD by CALCULATED, SPEC		4.55 ^H	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		2.98	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	2.85 ^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.

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

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





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Test Name		Value	Unit	Biological Reference interval
			TEST (COMPLETE)	
BILIRUBIN TOTAL by DIAZOTIZATION, SI	: SEKUM PECTROPHOTOMETRY	0.66	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	Г (CONJUGATED): SERUM spectrophotometry	0.22	mg/dL	0.00 - 0.40
	ECT (UNCONJUGATED): SERUM ECTROPHOTOMETRY	0.44	mg/dL	0.10 - 1.00
SGOT/AST: SERUM	[/RIDOXAL PHOSPHATE	53.2 ^H	U/L	7.00 - 45.00
SGPT/ALT: SERUM	[/RIDOXAL PHOSPHATE	43.9	U/L	0.00 - 49.00
AST/ALT RATIO: S		1.21	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM IYL PHOSPHATASE BY AMINO METHYL	93.94	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTRO	L TRANSFERASE (GGT): SERUM	26.61	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		7.76	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.13	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	A ECTROPHOTOMETRY	3.63 ^H	gm/dL	2.30 - 3.50
A : G RATIO: SERU	M	1.14	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

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

INCREASED:

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)





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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt - 133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

INTERPRETATION





	Dr. Vinay Chop MD (Pathology & Mi Chairman & Consult	crobiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mrs. REENA BAKSHI		
AGE/ GENDER	: 43 YRS/FEMALE	PATIENT ID	: 1674381
COLLECTED BY	:	REG. NO./LAB NO.	: 012411170032
REFERRED BY	:	REGISTRATION DATE	: 17/Nov/2024 11:32 AM
BARCODE NO.	: 01520975	COLLECTION DATE	: 17/Nov/2024 11:34AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 17/Nov/2024 01:21PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT	
Test Name		Value Unit	Biological Reference interva

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).

PROGNOSTIC SIGNIFICANCE:

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



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

MBBS, MD (PATHOLOGY)

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

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	Dr. Vinay Chop MD (Pathology & M Chairman & Consul	Microbiology) MD		(Pathology)	
NAME	: Mrs. REENA BAKSHI				
AGE/ GENDER	: 43 YRS/FEMALE]	PATIENT ID	: 1674381	
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Test Name		Value	Unit	Biological Reference interva	
	KIDNE	Y FUNCTION	N TEST (COMPLETE)		
UREA: SERUM	MATE DEHYDROGENASE (GLDH)	23.64	mg/dL	10.00 - 50.00	
CREATININE: SER		0.96	mg/dL	0.40 - 1.20	
	CTROPHOTOMETERY ROGEN (BUN): SERUM	11.05	ma/dI	7.0 - 25.0	
	ECTROPHOTOMETRY	11.05	mg/dL	7.0 - 23.0	
	ROGEN (BUN)/CREATININE	11.51	RATIO	10.0 - 20.0	
RATIO: SERUM by CALCULATED, SPI	ECTROPHOTOMETRY				
UREA/CREATININ	IE RATIO: SERUM	24.63	RATIO		
URIC ACID: SERUM	ECTROPHOTOMETRY A	6.81 ^H	mg/dL	2.50 - 6.80	
by URICASE - OXIDAS			-		
CALCIUM: SERUM by ARSENAZO III. SPE	ECTROPHOTOMETRY	9.84	mg/dL	8.50 - 10.60	
PHOSPHOROUS: SI	ERUM	3.12	mg/dL	2.30 - 4.70	
by PHOSPHOMOLYBI ELECTROLYTES	DATE, SPECTROPHOTOMETRY				
SODIUM: SERUM		137.4	mmol/L	135.0 - 150.0	
by ISE (ION SELECTIV					
POTASSIUM: SERU by ISE (ION SELECTIV		4.32	mmol/L	3.50 - 5.00	
CHLORIDE: SERUN	Λ	103.05	mmol/L	90.0 - 110.0	
by ISE (ION SELECTIN	-				
	MERULAR FILTERATION RATE	75.0			
ESTIMATED GLON (eGFR): SERUM	IERULAR FILTERATION RATE	75.3			
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.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	Dr. Vinay Ch MD (Pathology & Chairman & Cor		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME	: Mrs. REENA BAKSHI				
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT			
Test Name		Value	Unit	Biological R	leference interval
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	(e.g. ureter colostomy) ass (subnormal creatinine produ- tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININ (BUN rises disproportionately r superimposed on renal disease.	E LEVELS: nore than creatinine) (6	e.g. obstructive urop	pathy).	
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 an 3. Severe liver diseas 4. Other causes of de 5. Repeated dialysis (6. Inherited hyperam 7. SIADH (syndrome (8. Pregnancy. DECREASED RATIO (< 1. Phenacimide thera 2. Rhabdomyolysis (r 3. Muscular patients INAPPROPIATE RATIO 1. Diabetic ketoacido should produce an in 2. Cephalosporin thei ESTIMATED GLOMERI OKD STAGE	ass (subnormal creatinine produ tetracycline, glucocorticoids) (0:1) WITH ELEVATED CREATININ (BUN rises disproportionately r superimposed on renal disease. (0:1) WITH DECREASED BUN : osis. nd starvation. e. creased urea synthesis. (urea rather than creatinine diff monemias (urea is virtually abso of inappropiate antidiuretic harm (0:1) WITH INCREASED CREATINII py (accelerates conversion of cr eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine r JLAR FILTERATION RATE: DESCRIPTION	E LEVELS: more than creatinine) (d uses out of extracellula ent in blood). none) due to tubular se NE: eatine to creatinine). mcrease in creatinine wi measurement). 	r fluid). cretion of urea. ith certain methodo	logies,resulting in normal r	ratio when dehydra
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Repeated dialysis (NIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin there ESTIMATED GLOMERI CKD STAGE G1	ass (subnormal creatinine produ tetracycline, glucocorticoids) (0:1) WITH ELEVATED CREATININ (BUN rises disproportionately r superimposed on renal disease. (0:1) WITH DECREASED BUN : osis. nd starvation. e. creased urea synthesis. (urea rather than creatinine diff monemias (urea is virtually abso of inappropiate antidiuretic harn (0:1) WITH INCREASED CREATINII py (accelerates conversion of cr eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false in creased BUN/creatinine ratio). apy (interferes with creatinine r JLAR FILTERATION RATE: <u>DESCRIPTION</u> Normal kidney func	E LEVELS: more than creatinine) (e uses out of extracellula ent in blood). none) due to tubular se NE: eatine to creatinine). mcrease in creatinine wi neasurement). GFR (mL/mi tion >9	ir fluid). cretion of urea. ith certain methodo	logies,resulting in normal r SSOCIATED FINDINGS No proteinuria	ratio when dehydra
A Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Niherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nescular patients NAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin their STAGE STAGE	ass (subnormal creatinine producted acycline, glucocorticoids) i0:1) WITH ELEVATED CREATININ In (BUN rises disproportionately resuperimposed on renal disease. i0:1) WITH DECREASED BUN : osis. Ind starvation. E. creased urea synthesis. furea rather than creatinine diff monemias (urea is virtually absorbed finappropiate antidiuretic harmonemias (urea is virtually absorbed of inappropiate antidiuretic harmonemias (urea is virtually absorbed finappropiate antidiuret	E LEVELS: more than creatinine) (e uses out of extracellula ent in blood). none) due to tubular se NE: eatine to creatinine). mcrease in creatinine wi neasurement). GFR (mL/mi tion >9 ith >9	ir fluid). cretion of urea. ith certain methodo	logies,resulting in normal r <u>SSOCIATED FINDINGS</u> <u>No proteinuria</u> Presence of Protein ,	ratio when dehydra
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (NiADH (syndrome of Pregnancy. DECREASED RATIO (< Neclassing the second Pregnancy. DECREASED RATIO (A Rabdomyolysis (r Nuscular patients Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERI G1 G2	ass (subnormal creatinine producted acycline, glucocorticoids) i0:1) WITH ELEVATED CREATININ In (BUN rises disproportionately resuperimposed on renal disease. i0:1) WITH DECREASED BUN : osis. Ind starvation. E. creased urea synthesis. furea rather than creatinine diff monemias (urea is virtually absorbed finappropiate antidiuretic harmonemias (urea is virtually absorbed of inappropiate antidiuretic harmonemias (urea is virtually absorbed finappropiate antidiuret	E LEVELS: more than creatinine) (a uses out of extracellula ent in blood). none) due to tubular se NE: eatine to creatinine). mcrease in creatinine with neasurement). GFR (mL/mi tion >9 FR	ir fluid). cretion of urea. ith certain methodo	logies,resulting in normal r SSOCIATED FINDINGS No proteinuria	ratio when dehydra
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients Muscular patients MapPROPIATE RATIO Loiabetic ketoacido should produce an in Cephalosporin there STIMATED GLOMERI CKD STAGE G1 G2 G3a	ass (subnormal creatinine producted acycline, glucocorticoids) io:1) WITH ELEVATED CREATININ a (BUN rises disproportionately resuperimposed on renal disease. io:1) WITH DECREASED BUN : osis. a starvation. b. creased urea synthesis. furea rather than creatinine diff monemias (urea is virtually absorb finappropiate antidiuretic harman io:1) WITH INCREASED CREATINII 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 r JLAR FILTERATION RATE: DESCRIPTION Normal kidney function Kidney damage with normal or high Gi	E LEVELS: more than creatinine) (e uses out of extracellula ent in blood). none) due to tubular se NE: eatine to creatinine). mcrease in creatinine wi neasurement). GFR (mL/mi stion >9 FR 60	ir fluid). cretion of urea. ith certain methodo in/1.73m2) A 0 Al 89	logies,resulting in normal r <u>SSOCIATED FINDINGS</u> <u>No proteinuria</u> Presence of Protein ,	ratio when dehydra
B. Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 I. Postrenal azotemia DECREASED RATIO (< 1. Acute tubular necr Low protein diet ar Severe liver diseas Other causes of de Severe liver diseas Other causes of de Severe liver diseas Other causes of de Severe liver diseas Pregnancy. DECREASED RATIO (< I. Phenacimide thera Rhabdomyolysis (r S. Muscular patients INAPPROPIATE RATIO Loiabetic ketoacido should produce an in CEphalosporin ther ESTIMATED GLOMERI G1 G2	ass (subnormal creatinine producted acycline, glucocorticoids) i0:1) WITH ELEVATED CREATININ In (BUN rises disproportionately resuperimposed on renal disease. i0:1) WITH DECREASED BUN : osis. Ind starvation. E. creased urea synthesis. furea rather than creatinine diff monemias (urea is virtually absorbed finappropiate antidiuretic harmonemias (urea is virtually absorbed of inappropiate antidiuretic harmonemias (urea is virtually absorbed finappropiate antidiuret	E LEVELS: more than creatinine) (a uses out of extracellula ent in blood). none) due to tubular se NE: eatine to creatinine). mcrease in creatinine with measurement). GFR (mL/mi tion >9 ith >9 FR 60 m GFR 30-	in fluid). cretion of urea. th certain methodo	logies,resulting in normal r <u>SSOCIATED FINDINGS</u> <u>No proteinuria</u> Presence of Protein ,	ratio when dehydra





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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com







: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMB	REPORTING DATE	: 17/Nov/2024 01:21PM
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.01520975		. 17/ NOV/ 2024 11.34AM
: 01520975	COLLECTION DATE	: 17/Nov/2024 11:34AM
:	REGISTRATION DATE	: 17/Nov/2024 11:32 AM
:	REG. NO./LAB NO.	: 012411170032
: 43 YRS/FEMALE	PATIENT ID	: 1674381
: Mrs. REENA BAKSHI		
		0 (Pathology) t Pathologist
	MD (Pathology & Micr Chairman & Consultan : Mrs. REENA BAKSHI : 43 YRS/FEMALE	MD (Pathology & Microbiology) Chairman & Consultant Pathologist CEO & Consultant : Mrs. REENA BAKSHI : 43 YRS/FEMALE PATIENT ID : REG. NO./LAB NO.

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)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT



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NAME	: Mrs. REENA	BAKSHI				
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CLIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD, AM	BALA CANTT	,		
Test Name			Value	Unit	Biological Reference interv	val
			IRON	PROFILE		
IRON: SERUM		,	55.2	μg/dL	37.0 - 145.0	
UNSATURATED IR SERUM	ON BINDING CA	APACITY (UIBC)	230.9	µg/dL	150.0 - 336.0	
TOTAL IRON BIND SERUM	DING CAPACITY		286.1	µg/dL	230 - 430	
%TRANSFERRIN S by CALCULATED, SPE	ATURATION: S		19.29	%	15.0 - 50.0	
TRANSFERRIN: SE by SPECTROPHOTON	RUM	. ,	203.13	mg/dL	200.0 - 350.0	
INTERPRETATION:-						
VARIAE		ANEMIA OF CHRO		IRON DEFICIENCY ANEMI		
SERUM I	RON:	Normal to Re	educed	Reduced	Normal	

Norma TOTAL IRON BINDING CAPACITY: Normal Decreased Increased % TRANSFERRIN SATURATION: Decreased Decreased < 12-15 % Normal **SERUM FERRITIN:** Normal to Increased Decreased Normal or Increased

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.



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

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

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANT	Г	
Test Name		Value	Unit	Biological Reference interval
	ТН	IYROID FUN	CTION TEST: TOTAL	
	NE (T3): SERUM iescent microparticle immunoa	1.032	ng/mL	0.35 - 1.93
THYROXINE (T4): S		10.3	µgm/d	L 4.87 - 12.60
	ATING HORMONE (TSH): SERU		µIU/m	L 0.35 - 5.50
3rd GENERATION, ULT		55AY)		
INTERPRETATION:				
day has influence on the triiodothyronine (T3).Fai	measured serum TSH concentrations. TS	SH stimulates the p	roduction and secretion of the	pm. The variation is of the order of 50%. Hence time of the metabolically active hormones, thyroxine (T4) and her underproduction (hypothyroidism) or
CLINICAL CONDITION	Т3		T4	TSH
Primary Hypothyroidis			Reduced	Increased (Significantly)
Subclinical Hypothyroi	dism: Normal or Low	Normal	Normal or Low Normal	High

111/	πτατ	IUNIS	•

Primary Hyperthyroidism:

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.

Increased

Normal or High Normal

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	TRIIODOTHYRONINE (T3) THYROXINI		INE (T4)	THYROID STIMU	LATING 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	

Increased

Normal or High Normal





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

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



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Reduced (at times undetectable)

Reduced

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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologi		(Pathology)
NAME	: Mrs. REENA BAKSHI		
AGE/ GENDER	: 43 YRS/FEMALE	PATIENT ID	: 1674381
COLLECTED BY	:	REG. NO./LAB NO.	: 012411170032
REFERRED BY	:	REGISTRATION DATE	: 17/Nov/2024 11:32 AM
BARCODE NO.	: 01520975	COLLECTION DATE	: 17/Nov/2024 11:34AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 17/Nov/2024 01:21PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANT	Г	
Test Name	Value	Unit	Biological Reference interval

i est Name			value	UIII		biological kelel elice littel val
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	SNANCY (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





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.



		gy & Microbiology) Consultant Pathologist	CEO & Consultant	(Pathology) Pathologist
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Test Name		Value	Unit	Biological Reference interval
		VITAMI	NS	
	VI	TAMIN D/25 HYDRO		3
by CLIA (CHEMILUMIN	DROXY VITAMIN D3): SER ESCENCE IMMUNOASSAY)	UM 72.3	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
	CIENT	< 20	n	ı/ml
DEFI	CIENT: FICIENT:	< 20 21 - 29		j/mL j/mL
INSUFI PREFFERI INTOXI 1.Vitamin D compour	FICIENT: ED RANGE: CATION:	21 - 29 30 - 100 > 100 ergocalciferol (from plants	ng ng ng Vitamin D2), or chol	

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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		hopra & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	Biological Reference interval
	IESCENT MICROPARTICLE IMMUNO	247 DASSAY)	pg/mL	190.0 - 890.0
INTERPRETATION:-				
INCREAS	SED VITAMIN B12	1. December 201	DECREASED VITAMIN	I B12
INCREAS 1.Ingestion of Vitan	nin C	1.Pregnancy		
INCREAS	nin C gen		pirin, Anti-convulsants	
INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in	nin C gen nin A jury	2.DRUGS:As 3.Ethanol Ig 4. Contracep	pirin, Anti-convulsants estion ptive Harmones	
INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in 5.Myeloproliferativ	nin C gen nin A jury	2.DRUGS:As 3.Ethanol Ig 4. Contracep 5.Haemodia	pirin, Anti-convulsants estion tive Harmones Ilysis	
INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan 4.Hepatocellular in 5.Myeloproliferativ 6.Uremia	nin C gen nin A jury	2.DRUGS:As 3.Ethanol Ig 4. Contracep 5.Haemodia 6. Multiple N	pirin, Anti-convulsants estion otive Harmones Ilysis Vyeloma	





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	AGNOSTIC LAB 1, NICHOLSON ROAD, AM		TING DATE	: 17/Nov/2024 01:45PM
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATH	IOLOGY	
	URINE ROU	TINE & MICROSC	OPIC EXAMINA	ATION
PHYSICAL EXAMINATION				
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPE		10	ml	
COLOUR	CIROPHOTOMETRY	AMBER YELLOW	J	PALE YELLOW
by DIP STICK/REFLECTANCE SPE TRANSPARANCY	CTROPHOTOMETRY	CLEAR		CLEAR
by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY			
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY	1.01		1.002 - 1.030
CHEMICAL EXAMINATION				
REACTION by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY	ACIDIC		
PROTEIN		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE SUGAR	CTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY			
pH by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE UROBILINOGEN		Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECTANCE SPE KETONE BODIES	CTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY			
BLOOD by DIP STICK/REFLECTANCE SPE	CTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECTANCE SPE MICROSCOPIC EXAMINATI		NEGATIVE (-ve)		NEGATIVE (-ve)
RED BLOOD CELLS (RBCs)		NEGATIVE (-ve)	/HPF	0 - 3

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DEENA DAVCIII

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

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Test Name		Value	Unit	Biological Reference interval	
by MICROSCOPY ON	CENTRIFUGED URINARY SEDIMENT				
PUS CELLS		1-3	/HPF	0 - 5	

PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5	
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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