



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)	Dr. Yugam MD (F CEO & Consultant F	Pathology)
NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE	P	ATIENT ID	: 1698011
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012412130025
REFERRED BY	:		EGISTRATION DATE	: 13/Dec/2024 11:28 AM
BARCODE NO.	: 01522400	-	OLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE. CLIENT ADDRESS	: KOS DIAGNOSTIC LAB		EPORTING DATE	: 13/Dec/2024 11:56AM
CLIENI ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANT I		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	SM/A ST	HVA WELL	LNESS PANEL: 1.2	
			OD COUNT (CBC)	
	COMP 5 (RBCS) COUNT AND INDICES	LEIE DLU	UD COUNT (CBC)	
HAEMOGLOBIN (H		12.9	gm/dL	12.0 - 16.0
by CALORIMETRIC			Ŭ	
RED BLOOD CELL (	RBC) COUNT	5.34 <sup>H</sup>	Millions/c	mm 3.50 - 5.00
PACKED CELL VOLU	UME (PCV)	40.2	%	37.0 - 50.0
by CALCULATED BY A MEAN CORPUSCUL	UTOMATED HEMATOLOGY ANALYZER	75.3 <sup>L</sup>	fL	80.0 - 100.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER		IL	
	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	24.1 <sup>L</sup>	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	32	g/dL	32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV)	15	%	11.00 - 16.00
,	UTOMATED HEMATOLOGY ANALYZER UTION WIDTH (RDW-SD)	42.4	fL	35.0 - 56.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER	42.4		
MENTZERS INDEX by CALCULATED		14.1	RATIO	BETA THALASSEMIA TRAIT: < 13.0
.,				IRON DEFICIENCY ANEMIA:
ODEEN & KING DI	NEW .	01.1	DATIO	>13.0 DETA TUALACCENTA TRAIT.
GREEN & KING INI by CALCULATED	JEX	21.1	RATIO	BETA THALASSEMIA TRAIT:< 65.0
				IRON DEFICIENCY ANEMIA: >
WHITE BLOOD CE	LIS (WRCS)			65.0
	E COUNT (TLC)	7950	/cmm	4000 - 11000
TOTAL LEUCOCYTE	Y BY SF CUBE & MICROSCOPY			0.00 - 20.00
by FLOW CYTOMETRY	SLOOD CELLS (nRBCS)	NIL		
by FLOW CYTOMETRY NUCLEATED RED E by AUTOMATED 6 PAR	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER BLOOD CELLS (nRBCS) %	NIL NIL	%	< 10 %





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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Yugam Chopra

MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mrs. SUSHILA RANI NAME AGE/ GENDER : 60 YRS/FEMALE **PATIENT ID** :1698011 **COLLECTED BY** REG. NO./LAB NO. :012412130025 **REFERRED BY REGISTRATION DATE** :13/Dec/2024 11:28 AM **BARCODE NO.** :01522400 **COLLECTION DATE** :13/Dec/2024 11:44AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :13/Dec/2024 11:56AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 58 % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 37 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 1 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 4 % 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 4611 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2942 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 80 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 318 /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 214000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.26 % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 12<sup>H</sup> fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 93000<sup>H</sup> 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 43.111.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 16.6% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

Dr. Vinay Chopra

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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







	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Mrs. SUSHILA RANI		
AGE/ GENDER	: 60 YRS/FEMALE	PATIENT ID	: 1698011
<b>COLLECTED BY</b>	:	<b>REG. NO./LAB NO.</b>	: 012412130025
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400	<b>COLLECTION DATE</b>	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 13/Dec/2024 11:56AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	ANTT	
Test Name	Value	e Unit	<b>Biological Reference interval</b>



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







	<b>Dr. Vinay Chop</b> MD (Pathology & Mic Chairman & Consult	crobiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE	PATIE	NT ID	: 1698011
COLLECTED BY	:	REG. N	10./LAB NO.	: 012412130025
REFERRED BY	:	REGIS	TRATION DATE	: 13/Dec/2024 11:28 AM
BARCODE NO.	: 01522400	COLLE	CTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	RTING DATE	: 13/Dec/2024 12:02PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	ERYTHROC	CYTE SEDIMENT.	ATION RATE (	ESR)
INTERPRETATION: 1. ESR is a non-specifimmune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus erythm CONDITION WITH LO' A low ESR can be see (polycythaemia), sigras sickle cells in sickl NOTE: 1. ESR and C - reactiv 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 practitioner cted by other conditions besides infl be used to monitor disease activity a ematosus <b>W ESR</b> n with conditions that inhibit the no hificantly high white blood cell count e cell anaemia) also lower the ESR. e protein (C-RP) are both markers of rs not change as rapidly as does CRP, <b>by as many other factors as is ESR, n</b> ed, it is typically a result of two type ve a higher ESR, and menstruation a	exactly where the int lammation. For this re and response to thera prmal sedimentation of t (leucocytosis), and inflammation. , either at the start of <b>naking it a better mar</b> es of proteins, globulir nd pregnancy can cau	flammation is in the eason, the ESR is ty apy in both of the a of red blood cells, s some protein abno f inflammation or a: <b>ker of inflammatior</b> ns or fibrinogen. ise temporary eleva	picallý used in conjunctión with other test such above diseases as well as some others, such as such as a high red blood cell count ormalities. Some changes in red cell shape (such s it resolves. <b>n</b> .





DR.YUGAM CHOPRA

CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







		MD (Pathology & Chairman & Cor	& Microbiology) nsultant Pathologist		(Pathology) Pathologist
NAME	: Mrs. SUSHIL	A RANI			
AGE/ GENDER	: 60 YRS/FEMA	ALE		PATIENT ID	: 1698011
COLLECTED BY	:			REG. NO./LAB NO.	: 012412130025
REFERRED BY	:			<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400			COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNO	STIC LAB		<b>REPORTING DATE</b>	: 13/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICI	HOLSON ROAD,	AMBALA CANTT		
Test Name			Value	Unit	<b>Biological Reference interval</b>
		CLINI	CAL CHEMIS	<b>FRY/BIOCHEMIST</b>	'RY
			GLUCOSE	FASTING (F)	
GLUCOSE FASTING		GOD-POD)	103.02 <sup>H</sup>	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.



**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





	<b>Dr. Vinay C</b> MD (Pathology Chairman & Co		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE	PATI	ENT ID	: 1698011
COLLECTED BY	:	REG.	NO./LAB NO.	: 012412130025
<b>REFERRED BY</b>	:	REGI	STRATION DATE	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400	COLL	ECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 13/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PROFILI	F · BASIC	
CHOLESTEROL TO	TAL SEDIM	162.36	mg/dL	OPTIMAL: < 200.0
by CHOLESTEROL O		102.30	nig/ uL	BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: S by GLYCEROL PHOSE	ERUM PHATE OXIDASE (ENZYMATIC)	86.57	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERO by SELECTIVE INHIBIT	L (DIRECT): SERUM Ton	65.32	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0
LDL CHOLESTERO by CALCULATED, SPE		79.73	mg/dL	HIGH HDL: > OR = 60.0 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		97.04	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0
VLDL CHOLESTER		17.31	mg/dL	VERY HIGH: > OR = 220.0 0.00 - 45.00
TOTAL LIPIDS: SEF		411.29	mg/dL	350.00 - 700.00
CHOLESTEROL/HI by CALCULATED, SPE	DL RATIO: SERUM ECTROPHOTOMETRY	2.49	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0



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

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





		<b>hopra</b> & Microbiology) nsultant Pathologi		(Pathology)
NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE		PATIENT ID	: 1698011
COLLECTED BY	:		REG. NO./LAB NO.	: 012412130025
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400		COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		<b>REPORTING DATE</b>	: 13/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTI	Г	
Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S by CALCULATED, SPE		1.22	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	1.33 <sup>L</sup>	RATIO	3.00 - 5.00

#### **INTERPRETATION:**

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

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

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

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





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

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







	<b>Dr. Vinay Chopi</b> MD (Pathology & Mic Chairman & Consulta	crobiology)	Dr. Yugam MD ( CEO & Consultant I	Pathology)
NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE	P	ATIENT ID	: 1698011
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012412130025
<b>REFERRED BY</b>	:	R	EGISTRATION DATE	: 13/Dec/2024 11:28 AM
BARCODE NO.	: 01522400	C	OLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 13/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMI	BALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	LIVER	FUNCTION 7	TEST (COMPLETE)	
BILIRUBIN TOTAL: by DIAZOTIZATION, SPI		0.36	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	(CONJUGATED): SERUM	0.13	mg/dL	0.00 - 0.40
	CT (UNCONJUGATED): SERUM	0.23	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYF	RIDOXAL PHOSPHATE	17.3	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYF	RIDOXAL PHOSPHATE	14.1	U/L	0.00 - 49.00
AST/ALT RATIO: SE by CALCULATED, SPEC		1.23	RATIO	0.00 - 46.00
ALKALINE PHOSPH by para nitropheny propanol	ATASE: SERUM L PHOSPHATASE BY AMINO METHYL	108.59	U/L	40.0 - 130.0
GAMMA GLUTAMYI by SZASZ, SPECTROP	L TRANSFERASE (GGT): SERUM	12.85	U/L	0.00 - 55.0
TOTAL PROTEINS: S by BIURET, SPECTROF		7.76	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GF		4.77	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.99	gm/dL	2.30 - 3.50
A : G RATIO: SERUM		1.6	RATIO	1.00 - 2.00

by CALCULATED, SPECTROPHOTOMETRY

## 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)





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

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







		Biological Reference interval
NICHOLSON ROAD, AMBALA CANTT		
NOSTIC LAB REP	PORTING DATE :	13/Dec/2024 01:03PM
coi	<b>LLECTION DATE</b> :	13/Dec/2024 11:44AM
REC	<b>GISTRATION DATE</b> :	13/Dec/2024 11:28 AM
REC	G. NO./LAB NO. :	012412130025
EMALE PAT	FIENT ID :	1698011
HILA RANI		
Chairman & Consultant Pathologist	CEO & Consultant Pat	<b>G</b> , <i>i</i>
MD (Pathology & Microbiology)	MD (Pat	helegy

Test Name	Value	Unit	<b>Biological Reference interval</b>

### **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)







,				
	Dr. Vinay Cho MD (Pathology & M Chairman & Consu			
NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE		PATIENT ID	: 1698011
COLLECTED BY	:		REG. NO./LAB NO.	: 012412130025
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400		COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 13/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AN	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	KIDNE	EY FUNCTIO	N TEST (COMPLETE)	
UREA: SERUM	MATE DEHYDROGENASE (GLDH)	24.15	mg/dL	10.00 - 50.00
CREATININE: SER	UM	1.12	mg/dL	0.40 - 1.20
by ENZYMATIC, SPEC	CTROPHOTOMETERY ROGEN (BUN): SERUM	11.90	mg/dI	7.0 - 25.0
	ECTROPHOTOMETRY	11.29	mg/dL	7.0 - 25.0
	ROGEN (BUN)/CREATININE	10.08	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED. SPE	ECTROPHOTOMETRY			
UREA/CREATININ	E RATIO: SERUM	21.56	RATIO	
by CALCULATED, SPE URIC ACID: SERUM	ECTROPHOTOMETRY 1	3.79	mg/dL	2.50 - 6.80
by URICASE - OXIDAS				
CALCIUM: SERUM by ARSENAZO III, SPE		9.56	mg/dL	8.50 - 10.60
PHOSPHOROUS: SH		2.61	mg/dL	2.30 - 4.70
	DATE, SPECTROPHOTOMETRY		0	
ELECTROLYTES		100		195.0 150.0
SODIUM: SERUM by ISE (ION SELECTIV	/E ELECTRODE)	138	mmol/L	135.0 - 150.0
POTASSIUM: SERU		4.21	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVE ELECTRODE) CHLORIDE: SERUM		103.5	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	/E ELECTRODE)			
	MERULAR FILTERATION RATE			
ESTIMATED GLOM (eGFR): SERUM	IERULAR FILTERATION RATE	56.3		
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)







		Dr. Vinay ChopraDr. Yugam ChopraMD (Pathology & Microbiology)MD (Pathology)Chairman & Consultant PathologistCEO & Consultant Pathologist					
IAME	: Mrs. SUSHII	A RANI					
AGE/ GENDER	: 60 YRS/FEM	ALE	PATIE	NT ID	: 1698011		
COLLECTED BY	:		REG. N	O./LAB NO.	:012412130	0025	
REFERRED BY				<b>FRATION DATE</b>			
BARCODE NO.	: 01522400			CTION DATE	: 13/Dec/202		
CLIENT CODE.	: KOS DIAGNO			TING DATE	:13/Dec/202	4 01:03PM	
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AMB	ALA CANTT				
Test Name			Value	Unit	Biol	ogical Refere	nce interval
		cocorticoids) <b>TED CREATININE LEVE</b> roportionately more t		. obstructive urc	opathy).		
<ol> <li>Postrenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Prerenal azotemia</li> <li>Acute tubular necr</li> <li>Low protein diet ar</li> <li>Severe liver diseas</li> <li>Other causes of de</li> <li>Repeated dialysis (</li> <li>Inherited hyperam</li> <li>SIADH (syndrome of</li> <li>Pregnancy.</li> <li>PCREASED RATIO (</li> <li>Rhabdomyolysis (r</li> <li>Muscular patients</li> <li>INAPPROPIATE RATIO</li> <li>Diabetic ketoacido</li> <li>should produce an in</li> <li>Cephalosporin ther</li> <li>ESTIMATED GLOMERI</li> <li>CKD STAGE</li> </ol>	(BUN rises disp superimposed o IO:1) WITH DECR osis. ad starvation. e. creased urea syn urea rather than monemias (urea of inappropiate a of inappropiate a IO:1) WITH INCRE py (accelerates of eleases muscle of who develop renti- sis (acetoacetate creased BUN/cro- apy (interferes of ULAR FILTERATIO	TED CREATININE LEVE roportionately more to n renal disease. EASED BUN : in creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. e causes false increas eatinine ratio). vith creatinine measu N RATE: DESCRIPTION	than creatinine) (e.g but of extracellular f blood). due to tubular secre e to creatinine). e in creatinine with rement). GFR ( mL/min/	luid). etion of urea. certain method	ologies,resulting in ASSOCIATED FINDIN		hen dehydrat
Postrenal azotemia Prerenal azotemia PecREASED RATIO (< Acute tubular necr Low protein diet an Severe liver diseas Other causes of de Repeated dialysis ( Inherited hyperam SIADH (syndrome of Pregnancy. Pregnancy. PecREASED RATIO (< Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin thera STIMATED GLOMERI CKD STAGE G1	(BUN rises disp superimposed o IO:1) WITH DECR osis. ad starvation. e. creased urea syn urea rather than monemias (urea of inappropiate a of inappropiate a IO:1) WITH INCRE py (accelerates of eleases muscle of who develop renti- sis (acetoacetate creased BUN/cro- apy (interferes of ULAR FILTERATIO Nor	TED CREATININE LEVE roportionately more to n renal disease. EASED BUN : In creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. e causes false increase eatinine ratio). vith creatinine measu N RATE: DESCRIPTION mal kidney function	than creatinine) (e.g but of extracellular f blood). due to tubular secre e to creatinine). e in creatinine with rement). GFR ( mL/min/ >90	luid). etion of urea. certain method	ologies,resulting in ASSOCIATED FINDIN No proteinuria	GS	hen dehydrat
Postrenal azotemia Prerenal azotemia Pecreased RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis ( Inherited hyperam SIADH (syndrome of Pregnancy. Pregnancy. Pregnancy. Pregnancy. Pregnancy. Pregnancy. Pregnancy. Phenacimide thera Rhabdomyolysis (r Muscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin thera STIMATED GLOMERL CKD STAGE	(BUN rises disp superimposed o IO:1) WITH DECR osis. ad starvation. e. creased urea syn urea rather than monemias (urea of inappropiate a of inappropiate a IO:1) WITH INCRE py (accelerates of eleases muscle of who develop renti- sis (acetoacetate creased BUN/cro- apy (interferes of ULAR FILTERATIO Nor Nor	TED CREATININE LEVE roportionately more to n renal disease. EASED BUN : In thesis. In creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. Exact causes false increase eatinine ratio). with creatinine measu N RATE: DESCRIPTION mal kidney function dney damage with	than creatinine) (e.g but of extracellular f blood). due to tubular secre e to creatinine). e in creatinine with rement). GFR ( mL/min/	luid). etion of urea. certain method	ologies,resulting in ASSOCIATED FINDIN No proteinuria Presence of Proteir	IGS	hen dehydrat
Postrenal azotemia     Prerenal azotemia     CREASED RATIO (<         Acute tubular necr         Acute tubular necr         Low protein diet ar         Severe liver diseas         Other causes of de         Repeated dialysis         Inherited hyperam         SIADH (syndrome of         Pregnancy.         Peregnancy.         Phenacimide thera         Rhabdomyolysis (r         Muscular patients         NAPPROPIATE RATIO         Diabetic ketoacido         hould produce an in         Cephalosporin thei         STATED GLOMERL         CKD STAGE         G1	(BUN rises disp superimposed o IO:1) WITH DECR osis. ad starvation. e. creased urea syn urea rather than monemias (urea of inappropiate a of inappropiate a IO:1) WITH INCRE py (accelerates of eleases muscle of who develop renti- sis (acetoacetate creased BUN/cro- apy (interferes v JLAR FILTERATIO Nor Kin Nor	TED CREATININE LEVE roportionately more to n renal disease. EASED BUN : In creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. e causes false increase eatinine ratio). vith creatinine measu N RATE: DESCRIPTION mal kidney function	than creatinine) (e.g but of extracellular f blood). due to tubular secre e to creatinine). e in creatinine with rement). GFR ( mL/min/ >90	luid). etion of urea. certain method 1.73m2 )	ologies,resulting in ASSOCIATED FINDIN No proteinuria	IGS	hen dehydrat
Postrenal azotemia     Prerenal azotemia     DECREASED RATIO (<         Acute tubular necr         Low protein diet ar         Severe liver diseas         Other causes of de         Severe liver diseas         Acute tubular necr         SIADH (syndrome of         SIADH (syndrome of         SIADH syndrome of         Severe liver diseas         Rhabdomyolysis (r         Severe liver diseas         RapeROPIATE RATIO         Sidu produce an in         Cephalosporin the         STIMATED GLOMERI         G1         G2         G1         G2         G3a         G3b	(BUN rises disp superimposed o IO:1) WITH DECR osis. ad starvation. creased urea syr urea rather thar monemias (urea of inappropiate a IO:1) WITH INCRE py (accelerates of eleases muscle of who develop ref sis (acetoacetate creased BUN/creased apy (interferes of ULAR FILTERATION INOR Nor Kin Model	TED CREATININE LEVE roportionately more to n renal disease. EASED BUN : In thesis. In creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. In failure. In the creatinine measu NATE: DESCRIPTION mal kidney function dney damage with pormal or high GFR id decrease in GFR	than creatinine) (e.g but of extracellular f blood). due to tubular secre e to creatinine). e in creatinine with rement). GFR (mL/min/ >90 >90 60 -89 30-59	luid). etion of urea. certain method 1.73m2 )	ologies,resulting in ASSOCIATED FINDIN No proteinuria Presence of Proteir	IGS	hen dehydrat
Postrenal azotemia     Prerenal azotemia     DECREASED RATIO (<         Acute tubular necr         Low protein diet ar         Severe liver diseas         Other causes of de         Severe liver diseas         Acute tubular necr         SIADH (syndrome of         SIADH (syndrome of         SIADH syndrome of         Severe liver diseas         Rhabdomyolysis (r         Severe liver diseas         RapeROPIATE RATIO         Sidu produce an in         Cephalosporin the         STIMATED GLOMERI         G1         G2         G1         G2	(BUN rises disp superimposed o IO:1) WITH DECR osis. ad starvation. creased urea syr urea rather thar monemias (urea of inappropiate a IO:1) WITH INCRE py (accelerates of eleases muscle of who develop ref sis (acetoacetate creased BUN/cro apy (interferes v JLAR FILTERATIO Nor Kin Mode	TED CREATININE LEVE roportionately more to n renal disease. EASED BUN : In creatinine diffuses of is virtually absent in ntidiuretic harmone) EASED CREATININE: conversion of creatine creatinine). hal failure. Exact causes false increase eatinine ratio). with creatinine measu NATE: DESCRIPTION mal kidney function dney damage with prmal or high GFR Id decrease in GFR	than creatinine) (e.g but of extracellular f blood). due to tubular secre e to creatinine). e in creatinine with rement). GFR ( mL/min/ >90 >90 60 -89	luid). etion of urea. certain method 1.73m2 )	ologies,resulting in ASSOCIATED FINDIN No proteinuria Presence of Proteir	IGS	hen dehydrat





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









	<b>Dr. Vinay Chopr</b> MD (Pathology & Micr Chairman & Consultar	robiology) ME	m Chopra D (Pathology) ht Pathologist
NAME	: Mrs. SUSHILA RANI		
AGE/ GENDER	: 60 YRS/FEMALE	PATIENT ID	: 1698011
COLLECTED BY	:	<b>REG. NO./LAB NO.</b>	: 012412130025
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400	COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 13/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB.	ALA CANTT	
Test Name		Value Unit	Biological Reference interva

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)







		<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)	M	<b>m Chopra</b> D (Pathology) nt Pathologist
NAME	: Mrs. SUSHI	LA RANI			
AGE/ GENDER	: 60 YRS/FEM	ALE		PATIENT ID	: 1698011
COLLECTED BY	:			REG. NO./LAB NO.	: 012412130025
REFERRED BY	:			<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	:01522400			COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNO	STIC LAB		<b>REPORTING DATE</b>	:13/Dec/2024 01:59PM
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, AMBA	ALA CANTI	2	
Test Name			Value	Unit	Biological Reference interval
			ENDOC	RINOLOGY	
		THYRC	DID FUNC	TION TEST: TOTAL	
TRIIODOTHYRONII		M ARTICLE IMMUNOASSAY)	0.85	ng/mL	0.35 - 1.93
THYROXINE (T4): S	SERUM	ARTICLE IMMUNOASSAY)	9.56	µgm/d	L 4.87 - 12.60
THYROID STIMULA by CMIA (CHEMILUMIN		NE (TSH): SERUM ARTICLE IMMUNOASSAY)	0.546	µIU/m	L 0.35 - 5.50
3rd GENERATION, ULT. <u>INTERPRETATION</u> :	RASENSITIVE				
day has influence on the I	<i>measured serum TS</i> lure at any level of	<i>H concentrations</i> . TSH stim regulation of the hypotha	nulates the pr	oduction 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		T3		T4	TSH
Primary Hypothyroidis		Reduced		Reduced	Increased (Significantly)
Subclinical Hypothyroi	aism:	Normal or Low Norma	ai	Normal or Low Normal	High

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

Reduced (at times undetectable)

Reduced

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

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

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

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

Increased

Normal or High Normal





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

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







	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologis		Pathology)
NAME	: Mrs. SUSHILA RANI		
AGE/ GENDER	: 60 YRS/FEMALE	PATIENT ID	: 1698011
COLLECTED BY	:	REG. NO./LAB NO.	: 012412130025
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	: 01522400	COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 13/Dec/2024 01:59PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
Test Name	Value	Unit	<b>Biological Reference interval</b>

i est name			value	UIII		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	
	RECOM	MENDATIONS OF TSH LE	VELS DURING PRE	GNANCY ( µIU/mL)		
	1st Trimester			0.10 - 2.50		
	2nd Trimester			0.20 - 3.00		
	3rd Trimester			0.30 - 4.10		
-				V		

#### **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)







	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME : Mrs. SU	JSHILA RANI			
AGE/ GENDER : 60 YRS/	FEMALE	PAT	TIENT ID	: 1698011
COLLECTED BY :		REC	. NO./LAB NO.	: 012412130025
<b>REFERRED BY</b> :		REC	SISTRATION DATE	: 13/Dec/2024 11:28 AM
<b>BARCODE NO.</b> : 015224			LECTION DATE	: 13/Dec/2024 11:44AM
	AGNOSTIC LAB		PORTING DATE	: 13/Dec/2024 12:46PM
CLIENT ADDRESS : 0349/1	, NICHOLSON ROAD, AMBA	LA CANT I		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CL	INICAL PA	THOLOGY	
	<b>URINE ROUTIN</b>	NE & MICRO	SCOPIC EXAMINA	ATION
PHYSICAL EXAMINATION				
QUANTITY RECIEVED		10	ml	
by DIP STICK/REFLECTANCE SPEC		AMBER YELL	ow	PALE YELLOW
by DIP STICK/REFLECTANCE SPEC		11 4 73		
TRANSPARANCY by DIP STICK/REFLECTANCE SPEC		HAZY		CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPEC		1.01		1.002 - 1.030
CHEMICAL EXAMINATION	STROT HOTOMETRY			
REACTION		ACIDIC		
by DIP STICK/REFLECTANCE SPEC PROTEIN		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPEC	CTROPHOTOMETRY	-		
SUGAR by DIP STICK/REFLECTANCE SPEC		Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLECTANCE SPEC		<=5.0		5.0 - 7.5
BILIRUBIN		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPEC NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPEC	CTROPHOTOMETRY.			
UROBILINOGEN by DIP STICK/REFLECTANCE SPEC		Normal	EU/dL	0.2 - 1.0
KETONE BODIES		Negative		NEGATIVE (-ve)
BLOOD		1+		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE ASCORBIC ACID		NEGATIVE (-v	ve)	NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPEC	CTROPHOTOMETRY			
MICROSCOPIC EXAMINATIO		0.7		
RED BLOOD CELLS (RBCs) by MICROSCOPY ON CENTRIFUGE		6-7	/HPF	0 - 3



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

57

2.70

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

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

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







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

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

NAME	: Mrs. SUSHILA RANI			
AGE/ GENDER	: 60 YRS/FEMALE	]	PATIENT ID	: 1698011
COLLECTED BY	:	]	REG. NO./LAB NO.	: 012412130025
<b>REFERRED BY</b>	:	]	<b>REGISTRATION DATE</b>	: 13/Dec/2024 11:28 AM
BARCODE NO.	: 01522400	(	COLLECTION DATE	: 13/Dec/2024 11:44AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	]	REPORTING DATE	: 13/Dec/2024 12:46PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
PUS CELLS by MICROSCOPY ON (	CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EPITHELIAL CELLS	S	4-5	/HPF	ABSENT

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	10	,	
CRYSTALS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT 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)	ABSENT		ABSENT

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

End Of Report



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

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

