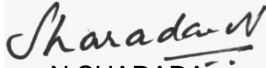




Name	: Mrs. SANTOSH KUMARI	Age /Sex	: 74Y Y(s)/FEMALE
Bill No.	: MCB54250302135	UMR No.	: 542503000534

LABORATORY REPORT : BIOCHEMISTRY

Parameters	Result	Reference Range	Units
T3,T4 AND TSH			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307018)			
T3 ECLIA	161.6	70 - 204	ng/dL
T4 ECLIA	12.75	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	1.97	0.270 - 4.20	uIU/mL


N SHARADA
MD Pathology, Head - Lab Services



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Bill No.	: MCB54250302135	UMR No.	: 542503000534

LABORATORY REPORT : BIOCHEMISTRY

Parameters	Result	Reference Range	Units
FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307004)			
FASTING BLOOD GLUCOSE <i>Hexokinase</i>	109 *	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
FASTING URINE GLUCOSE	TRACE		
HBA1C (GLYCOSYLATED HAEMOGLOBIN)			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307005)			
HBA1C <i>HPLC</i>	6.1 *	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
BUN(BLOOD UREA NITROGEN)			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307006)			
BUN (Blood Urea Nitrogen.) <i>Calculated</i>	15	7 - 21.0	mg/dL
SERUM URIC ACID			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307009)			
SERUM URIC ACID <i>uricase</i>	4.0	2.4-5.7	mg/dL
LFT(LIVER FUNCTION TEST)			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307010)			
TOTAL BILIRUBIN <i>DIAZO</i>	0.4	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.2	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.2	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	20	<=33	U/L
SGOT (AST) <i>UV without P5P</i>	20	<= 32	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	65	35 - 105	U/L



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TOTAL PROTEINS <i>Biuret method</i>	8.5 *	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.6	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	3.9 *	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.17 *	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	31	6-42	U/L

BUN / CREATININE RATIO

(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307011)

BUN / CREATININE RATIO <i>CALCULATED</i>	16.6	10-20	
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SERUM CREATININE

(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307012)

CREATININE <i>Jaffe</i>	0.90	0.6 - 1.2	mg/dL
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LIPID PROFILE

(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307013)

TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	121	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	44	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	56	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL
VLDL <i>Calculation</i>	21	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	104	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL



Name : Mrs. SANTOSH KUMARI	Age /Sex : 74Y Y(s)/FEMALE
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CHO/HDL RATIO <i>Calculation</i>	2.75	Normal : - < 3.5 High Risk : - > 5.0
LDL/HDL RATIO	1.27	

VITAMIN B12

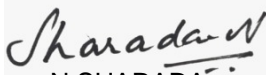
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307016)

VITAMIN B12 <i>ECLIA</i>	529.7	197-771	pg/mL
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PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)

(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307982)

PLBS (POST LUNCH BLOOD GLUCOSE)	204	Normal Range : <140 Impaired Glucose Tolerance : 140 -199 Diabetes Mellitus: >=200
URINE SUGAR	++	



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Bill No.	: MCB54250302135	UMR No.	: 542503000534

LABORATORY REPORT : BLOOD BANK

Parameters	Result	Reference Range	Units
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BLOOD GROUPING AND RH

(**Bill Date** : 08-Mar-2025 09:03 AM **Result ID** : RMI250307019)

BLOOD GROUP <i>Tube agglutination</i>	B
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RH TYPE	POSITIVE
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INTERPRETATION

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

PATIL SONIYA ANANT
MBBS MD PATHOLOGY



Name	: Mrs. SANTOSH KUMARI	Age /Sex	: 74Y Y(s)/FEMALE
Bill No.	: MCB54250302135	UMR No.	: 542503000534

LABORATORY REPORT : CLINICAL PATHOLOGY

Parameters	Result	Reference Range	Units
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CUE(COMPLETE URINE EXAMINATION)

(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307003)

PHYSICAL EXAMINATION

VOLUME	20 ML		ml
COLOUR	PALE YELLOW	PALE YELLOW	
APPEARANCE	SLIGHTLY HAZY	CLEAR	

CHEMICAL EXAMINATION

DEPOSIT	ABSENT	ANSENT
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.030	1.000 - 1.030
PH <i>Bromthymol blue</i>	5.0	5.0 - 8.0
PROTEIN <i>Tetra-bromophenol blue/Heat coagulation test</i>	NIL	NIL (<15 mg/dL)
GLUCOSE <i>Glucose oxidase Peroxidase/Benedict's test</i>	+++	NIL (<25 mg/dL)
UROBILINOGEN <i>Diazonium salt</i>	NIL	NIL
KETONE <i>Sodium nitroprusside/Rothera's test.</i>	NIL	NIL (<5 mg/dL)
BLOOD <i>Dipstick/Microscopy</i>	NIL	NEGATIVE
BILIRUBIN <i>Dipstick/Fouchets test</i>	NIL	NEGATIVE
BILE SALT <i>Hays sulphur powder</i>	NIL	NEGATIVE
BILE PIGMENT <i>Fouchet test</i>	NIL	NEGATIVE
NITRITE <i>Sulfanilic acid</i>	NIL	NEGATIVE



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LEUCOCYTE ESTERASE	+	NEGATIVE	
<u>MICROSCOPIC EXAMINATION</u>			
PUS CELLS	8-10	0 - 5 /hpf	
EPITHELIAL CELLS	2-3	0 - 5	hpf
RBC	NIL	0 - 5 /hpf	
CAST	NIL	NIL	
<i>Microscopy examination</i>			
CRYSTALS	NIL	NIL	
BACTERIA	NIL		
<i>Microscopic examination</i>			
YEAST	NIL		
<i>Microscopic examination</i>			
AMORPHOUS DEPOSITS	ABSENT		
<i>Microscopic examination</i>			
MUCUS THREAD	ABSENT		
<i>Microscopic examination</i>			

NOTE

Microscopic examination of urine is carried out on centrifuged urinary sediment.



Dr Neeta Shrivastava
MBBS, MD, DNB (Microbiology)



Name	: Mrs. SANTOSH KUMARI	Age /Sex	: 74Y Y(s)/FEMALE
Bill No.	: MCB54250302135	UMR No.	: 542503000534

LABORATORY REPORT : HAEMATOLOGY

Parameters	Result	Reference Range	Units
CBP(COMPLETE BLOOD PICTURE)			
(Bill Date : 08-Mar-2025 09:03 AM Result ID : RMI250307007)			
R B C COUNT <i>Electrical Impedance</i>	4.56	3.8-4.8	10 ¹² /L
HEMOGLOBIN <i>Photometric</i>	14.2	12.0 - 15.0	gms/dL
PCV/HCT <i>Calculated</i>	44.4	36 - 46	%
MCV <i>Calculated</i>	97.3	83 - 101	fl
MCH <i>Calculated</i>	31.1	27 - 32	pg
MCHC <i>Calculated</i>	32.0	31.5 - 34.5	g/dL
RDW(cv)	15.0 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	9.81	4.0 - 10.0	10 ³ /μL

DIFFERENTIAL COUNT

NEUTROPHILS <i>DHSS/Microscopy</i>	59	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	35	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	05	02 - 10 %	
EOSINOPHILS <i>DHSS/Microscopy</i>	01	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
PLATELET COUNT <i>Electrical Impedance</i>	>150 *	150 - 400 10 ³ /μL	10 ³ /μL

RBC

Platelets adequate on smear; large clumps seen



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Bill No.	: MCB54250302135	UMR No.	: 542503000534

ESR

(**Bill Date** : 08-Mar-2025 09:03 AM **Result ID** : RMI250307008)

ESR
MODIFIED WESTERGREN'S METHOD

42 *

0 - 20

mm/1st hour



N SHARADA

MD Pathology, Head - Lab Services