



Reg. No. /NH/101/Apr. - 08

L. N. MEDICAL COLLEGE & J. K. HOSPITAL

(AN ISO 9001:2008 Certified Hospital)



MC-5516

**CLINICAL BIOCHEMISTRY LABORATORY****PATHOLOGY REPORT**

Name	RENU	Age/sex	44Y/F	Date	17/2/2025
Ref by	OPD	OPD NO.	66527	LAB NO	01
TEST	RESULT	REFERENCE INTERVAL *			
<u>PLASMA GLUCOSE</u>					
Fasting	95	70 - 110 mg/dL			
Postprandial	102	< 140 mg/dL			
Random		60 - 145 mg/dL			
<u>RENAL FUNCTION TESTS</u>					
Serum Urea	20	15 - 39 mg/dL			
Serum Creatinine	0.41	0.55 - 1.30 mg/dL			
<u>SERUM ELECTROLYTES</u>					
Sodium	146	135 - 145 mmol/L			
Potassium	4.8	3.5 - 5.0 mmol/L			
Chloride	107	98 - 110 mmol/L			
<u>SERUM LIVER FUNCTION TESTS</u>					
Total Bilirubin	0.5	0.2 - 1.0 mg/dL			
Direct Bilirubin	0.18	0.0 - 0.2 mg/dL			
Indirect Bilirubin	0.28	0.1 - 0.9 mg/dL			
SGOT/AST	19	15 - 37 U/L			
SGPT/ALT	18	12 - 78 U/L			
Alkaline Phosphatase	89	46 - 116 U/L			
Total Protein	7.4	6.4 - 8.2 g/dL			
Albumin	4.1	3.1 - 5.0 g/dL			
Globulin	3.3	2.3 - 4.1 g/dL			
Albumin/Globulin Ratio	1.3	> 0.85			
<u>SERUM LIPID PROFILE</u>					
Total Cholesterol	132	< 200 mg/dL			
Triglycerides	73	< 150 mg/dL			
HDL-Cholesterol	33	< 40 (low); > 60 mg/dL (high)			
LDL-Cholesterol	108	< 130 mg/dL			
VLDL-Cholesterol	15	< 30 mg/dL			
<u>CARDIAC MARKERS</u>					
Serum CK-MB		< 5.1 ng/mL			
Troponin -I		< 0.04 ng/ml (-ve); ≥ 0.04 ng/ml (+ve)			
<u>OTHERS</u>					
Serum Total Calcium		8.5 - 10.1 mg/dL			
Serum Uric Acid		2.6-6(F); 3.5-7.2 mg/dL (M)			
Serum Amylase		25-115 U/L			
Serum Lipase		≤ 60 U/L			
CRP		< 5.0 mg/L			
LDH		130-250 U/L			

*Reference interval given is of adults

TECHNICIAN

Provisional Report

Department of Biochemistry
CLINICAL BIOCHEMIST
L. N. Medical College & J. K. Hospital
Kolar Road, BhopalJ.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
Hospital ☎: 0755 - 4087000 / 01 / 02 / 06 Medical College ☎: 0755-4049600,
Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



Reg. No. /NH/101/Apr. - 08

L. N. MEDICAL COLLEGE & J. K. HOSPITAL

(AN ISO 9001:2008 Certified Hospital)



MC-5516



PATHOLOGY REPORT

DEPARTMENT OF HAEMATOLOGY

NAME:	RENU	AGE / SEX	44Y/F	DATE	17/02/2025
REF BY:	OPD	OPD / IPD NO:	66527	LAB NO:	01

HAEMATOLOGY

TEST :	TEST VALUE	UNITS	NORMAL VALUE
HAEMOGLOBIN	12.1	Gm%	M: 13.0-17.0, F :12.0-15.0
E.S.R. (Wintrobe)		Mm/FHR	M: 0-9 , F: 0-20
TOTAL LEUCOCYTE COUNT	9.0	10 ⁹ /L	4.0-11.0
DIFFERENTIAL			
POLYMORPHS	56	%	40-80
LYMPHOCYTES	37	%	20-40
MONOCYTES	05	%	2-10
EOSINOPHILS	02	%	1-6
BASOPHILS	00	%	0-1
PLATELET COUNT:	285	10 ⁹ /L	150-450
BLOOD GROUP	"A" POSITIVE		

Due to technical limitation please correlate clinically. Not for medical legal purpose.

TECHNICIAN

PATHOLOGIST

(TUTOR)



J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
Hospital ☎: 0755 - 4087000 / 01 / 02 / 06 Medical College ☎: 0755-4049600,
Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



Reg. No. /NH/101/Apr. - 08

L. N. MEDICAL COLLEGE & J. K. HOSPITAL

(AN ISO 9001:2008 Certified Hospital)



CLINICAL BIOCHEMISTRY LABORATORY

PATHOLOGY REPORT

NAME	RENU	AGE/SEX	44Y/F	DATE	17.02.2025
REF BY	OPD	IPD/OPD NO.	100049	LAB NO.	01

THYROID PROFILE, TOTAL, SERUM (CLIA- Chemiluminescent immunoassy)			
TEST NAME	RESULTS	UNITS	REF. RANGE
T3	1.05	ng/mL	0.58 – 1.62
T4	10.71	µg/dL	5.00 – 14.5
TSH	2.30	µIU/mL	0.35 – 5.10

Interpretation

PREGNANCY	REFERENCE RANGE for TSH in µIU/ml (As per American Thyroid Association)
1 st Trimester	0.10-2.50
2 nd Trimester	0.20-3.00
3 rd Trimester	0.30-3.00

Note :-

1. TSH levels are subjected to circadian variation, reaching peak levels between 2-4 a.m. and at a minimum between 6-10p.m. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
2. Fasting sample is desirable for serum TSH estimation.
3. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
4. Physiological rise in Total T3 /T4 levels is seen in pregnancy and in patients on steroid therapy.

Clinical Use

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic – Pituitary hypothyroidism
- Inappropriate TSH secretion
- Non thyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood.



TECHNICIAN

Provisional Report
Department of Biochemistry
L. N. Medical College & J. K. Hospital
Kolar Road, Bhopal



J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
Hospital ☎ : 0755 - 4087000 / 01 / 02 / 06 Medical College ☎ : 0755-4049600,
Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in



Reg. No. /NH/101/Apr. - 08

L. N. MEDICAL COLLEGE & J. K. HOSPITAL

(AN ISO 9001:2008 Certified Hospital)



MC-5516



NABH
ACCREDITED

DEPARTMENT OF CLINICAL PATHOLOGY

PATHOLOGY REPORT

NAME:	RENU VARSHNEY	AGE / SEX	44Y/F	DATE	17/02/2025
REF BY:	OPD	OPD / IPD NO:	6527	LAB NO:	01

URINE ANALYSIS

PHYSICAL EXAMINATION

VOLUME : 25 ML
COLOUR : PALE YELLOW
APPEARANCE : CLEAR
SP.GRAVITY : 1.015
(pH) : 6.5

CHEMICAL EXAMINATION

ALBUMIN : ABSENT
SUGAR : ABSENT
KETONE : ABSENT
BILE SALT : -----
BILE PIGMENT : -----
OTHERS : ---

MICROSCOPIC EXAMINATION

PUS CELLS : 2-3 /HPF
RBC : ABSENT
EPITH.CELLS : 1-2 /HPF
CRYSTAL : NOT SEEN.
CASTS : NOT SEEN.
BACTERIA : NOT SEEN
FUNGUS : ABSENT
AMORPHOUS MATERIAL : NOT SEEN.
OTHERS : NOT SEEN.

*Due to technical limitation please correlate clinically. Not for medical legal purpose.

TECHNICIAN

Ankit

PATHOLOGIST

(TUTOR)



JK & LNMC/D.O.S./CS/F-10

J.K. Town, Sarvadharam, C-Sector, Kolar Road, Bhopal - 462042 (M.P.)
Hospital ☎: 0755 - 4087000 / 01 / 02 / 06 Medical College ☎: 0755-4049600,
Web : www.Lnctu.ac.in, Email : jkhospital@Lnctu.ac.in