



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

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



CLINICAL BIOCHEMISTRY LABORATORY

MC-5516

PATHOLOGICAL REPORT

Name	KISPATTA	Age/sex	39Y/F	Date	8/2/2025
Ref by	OPD	OPD NO.		LAB NO	01
TEST	RESULT	REFERENCE INTERVAL *			
<u>PLASMA GLUCOSE</u>					
Fasting	89	70 - 110 mg/dL			
Postprandial	95	< 140 mg/dL			
Random		60 - 145 mg/dL			
<u>RENAL FUNCTION TESTS</u>					
Serum Urea	16	15 - 39 mg/dL			
Serum Creatinine	0.73	0.55 - 1.30 mg/dL			
<u>SERUM ELECTROLYTES</u>					
Sodium	146	135 - 145 mmol/L			
Potassium	4.7	3.5 - 5.0 mmol/L			
Chloride	108	98 - 110 mmol/L			
<u>SERUM LIVER FUNCTION TESTS</u>					
Total Bilirubin	0.4	0.2 - 1.0 mg/dL			
Direct Bilirubin	0.13	0.0 - 0.2 mg/dL			
Indirect Bilirubin	0.29	0.1 - 0.9 mg/dL			
SGOT/AST	15	15 - 37 U/L			
SGPT/ALT	10	12 - 78 U/L			
Alkaline Phosphatase	73	46 - 116 U/L			
Total Protein	7.8	6.4 - 8.2 g/dL			
Albumin	4.7	3.1 - 5.0 g/dL			
Globulin	3.1	2.3 - 4.1 g/dL			
Albumin/Globulin Ratio	1.5	> 0.85			
<u>SERUM LIPID PROFILE</u>					
Total Cholesterol	221	< 200 mg/dL			
Triglycerides	85	< 150 mg/dL			
HDL-Cholesterol	44	< 40 (low); >60 mg/dL (high)			
LDL-Cholesterol	156	< 130 mg/dL			
VLDL-Cholesterol	17	< 30 mg/dL			
<u>CARDIAC MARKERS</u>					
Serum CK-MB		< 5.1 ng/mL			
Troponin -I		<0.04 ng/ml(-ve); ≥0.04ng/ml(+ve)			
<u>OTHERS</u>					
Serum Total Calcium		8.5 - 10.1 mg/dL			
Serum Uric Acid		2.6-6(F); 3.5-7.2mg/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, 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

CLINICAL BIOCHEMISTRY LABORATORY

PATHOLOGY REPORT

NAME	KISPATTA	AGE/SEX	39Y/F	DATE	08.02.2025
REF BY	OPD	IPD/OPD NO.		LAB NO.	01

THYROID PROFILE, TOTAL, SERUM (CLIA- Chemiluminescent immunoassay)

TEST NAME	RESULTS	UNITS	REF. RANGE
T3	0.89	ng/mL	0.58 – 1.62
T4	12.73	µg/dL	5.00 – 14.5
TSH	2.65	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.

ICM
TECHNICIAN

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



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



PATHOLOGY REPORT

DEPARTMENT OF CLINICAL PATHOLOGY

NAME:	KISPATTA	AGE / SEX	39Y/F	DATE	08/02/2025
REF BY:	OPD	OPD / IPD NO:		LAB NO:	01

URINE ANALYSIS

PHYSICAL EXAMINATION

VOLUME : 20 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

PATHOLOGIST

(TUTOR)



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

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



AN ISO 9001:2008 Certified Hospital

PATHOLOGY REPORT

DEPARTMENT OF HAEMATOLOGY

NAME:	KISPATTA	AGE / SEX	39Y/F	DATE	08/02/2025
REF BY:	OPD	OPD / IPD NO:		LAB NO:	01

HAEMATOLOGY

TEST :	TEST VALUE	UNITS	NORMAL VALUE
HAEMOGLOBIN	10.3	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	5.1	10 ⁹ /L	4.0-11.0
DIFFERENTIAL			
POLYMORPHS	65	%	40-80
LYMPHOCYTES	28	%	20-40
MONOCYTES	05	%	2-10
EOSINOPHILS	02	%	1-6
BASOPHILS	00	%	0-1
PLATELET COUNT:	254	10 ⁹ /L	150-450

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

TECHNICIAN

PATHOLOGIST

(TUTOR)