

Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Clinical Biochemistry
Health Check Lite

Fasting Blood Sugar (Glucose) , (FBS), Fluoride Plasma

Date	30/Sep/2026	24/Oct/25	02/Oct/24	06/Sep/22	Unit	Bio Ref Interval
	01:12PM	09:22AM	01:25PM	10:45AM		
Glucose (Fasting) Hexokinase	126.1	125.1	109.9	90.3	mg/dl	74 - 99

Interpretation A fasting blood sugar level from 100 to 125 mg/dL is considered prediabetes Elevated blood glucose levels are seen in:
 Diabetes mellitus, Cushing's disease, Acromegaly
 Stress, such as from surgery or trauma. Certain medications, especially [corticosteroids](#)
 Decreased blood glucose levels can be due to drug induced, [hypothyroidism](#), [addison](#) (adrenal insufficiency)

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HbA1c (Glycated/ Glycosylated Hemoglobin) Test, EDTA HPLC

Date	30/Sep/2026 01:12PM	24/Oct/25 09:22AM	02/Oct/24 01:25PM	06/Sep/22 10:45AM	Unit	Bio Ref Interval
Glycosylated Haemoglobin(Hb A1c)	6.79	6.70	6.20	5.80	%	4.27 - 6.07
Glycosylated Haemoglobin(Hb A1c) IFCC	50.7	49.72	44.25	39.88	mmol/mol	< 39.0
Average Glucose Value For the Last 3 Months Calculated	148.17	145.59	131.24	119.76	mg/dL	
Average Glucose Value For the Last 3 Months IFCC Calculated	8.21	8.06	7.27	6.63	mmol/L	

Interpretation The following HbA1c ranges recommended by the American Diabetes Association(ADA) may be used as an aid in the diagnosis of diabetes mellitus.

HbA1C(NGSP %)	HbA1C(IFCC mmol/mol)	Suggested Diagnosis
≥ 6.5	≥ 48	Diabetic
5.7 - 6.4	39 - 47	Pre- Diabetic
< 5.7	< 39	Non - Diabetic

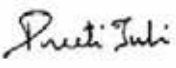
HbA1C provides a useful index of average glycaemia over the preceding 6-8 weeks.

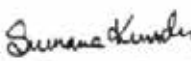
It is suggested that HbA1c is measured every 6 months in stable patients, every 3 months in patients with unstable metabolic control and every month in pregnancy. Increased Glycated hemoglobin is a reflection of Hyperglycemia.

Kindly correlate with clinical findings

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*** End Of Report ***


Dr. Preeti Tuli, M.D.
Associate Director & Quality Manager Pathology


Dr. Sumana Kundu, MD
Attending Consultant
Biochemistry

Test Performed at :969 - Max Lab R G Square Mall, Patparganj, 108A, IP Ext, I.P.Extension, Patparganj, Delhi, 11

Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)
Booking Centre :3080 - Max Lab ACE City Greater Noida, Shop No. 4, Ground Floor, Ace Square Noida Extension, Gautam Budh Nagar, 8076740879

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Laboratory Investigation Report

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Immunoassay Health Check Lite



Total-Thyroid Profile (T3,T4 & TSH), Serum

Date	30/Sep/2026 01:12PM	24/Oct/25 09:22AM	02/Oct/24 01:25PM	06/Sep/22 10:45AM	29/Jun/21 01:38PM	Unit	Bio Ref Interval
T3 (Total) CLIA	0.97	0.85	0.92	0.75	0.7	ng/mL	0.87-1.78
T4 (Total) CLIA	11.06	9.73	11.40	9.66	10.9	µg/dL	5.93 - 13.29
TSH Chemiluminescence	9.91	9.11	8.28	10.33	4.47	uIU/ml	0.34-5.6

Comment

Parameter	Unit	Premature (28 - 36weeks)	Cord Blood (> 37 weeks)	Upto 2 Month	1st Trimester	2nd Trimester	3rd Trimester
TSH	uIU/ml	0.7 - 27.0	2.3 - 13.2	0.5 - 10	0.05 - 3.7	0.31 - 4.35	0.41 - 5.18

Increased in primary Hypothyroidism.
Decreased in primary Hyperthyroidism

Total Thyroid Profile : (Thyroid Function Test, TFT)
T3 (Total), Triiodothyronine
Increase in Hyperthyroidism, and T3 toxicosis,
Decreased in hypothyroidism, states with decreased TBG, and acute and subacute non thyroidal illness
T4(Total) Thyroxine
Increased in Hyperthyroidism, states with increased TBG, Thyrotoxicosis
Decreased in Hyperthyroidism, states with decreased TBG and Strenuous exercise
TSH, Serum : Thyrotropin(Thyroid Stimulating Hormone)
Increased in primary Hypothyroidism.
Decreased in primary Hyperthyroidism.

Note : TSH levels are subject to circadian variation, reaching peak levels between 2 – 4 am and at a minimum between 6 – 10 pm. The variation is of the order of 50% - 206 %, hence time of the day has influence on the measured serum TSH concentrations.
TSH assay is stranded to the 3rd generation for human TSH.
The Cyclical variations may be quite large; therefore the timing of specimen collection must be strictly controlled.
Advise : Kindly do Thyroid Profile/TSH in morning hours only.

Comment: TSH - Ultrasensitive

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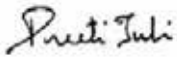
Immunoassay
Health Check Lite



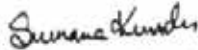
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Clinical Biochemistry Health Check Lite



Lipid Profile Basic

Date	30/Sep/2026 01:12PM	Unit	Bio Ref Interval
Cholesterol Cholesterol oxidase, esterase, peroxidase	216.8	mg/dl	< 200
HDL Cholesterol Homogeneous Assay	51.6	mg/dl	> 40
LDL Cholesterol Homogeneous Assay	133	mg/dl	< 100
Triglyceride Enzymatic, end point	136.8	mg/dl	< 150
VLDL Cholesterol Calculated	27.4	mg/dl	< 30
Non-HDL Cholesterol Calculated	165.20	mg/dL	< 130

Comment

Total Cholesterol	Desirable: < 200 mg/dL Borderline High: 200-239 mg/dL High ≥ 240 mg/dL	LDL-C	Optimal: < 100 mg/dL Near Optimal/ Above Optimal: 100-129 mg/dL Borderline High: 130-159 mg/dL High: 160-189 mg/dL Very High: ≥ 190 mg/dL
HDL-C	Low HDL: < 40 mg/dL High HDL: ≥ 60 mg/dL	Triglyceride	Normal: <150 mg/dL Borderline High: 150-199 mg/dL High: 200-499 mg/dL Very High: ≥ 500 mg/dL

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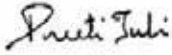


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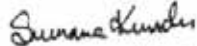
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