

Name	: Mr. RAJAT	Age	: 33 Years
Lab No.	: 433186234	Gender	: Male
Ref By	: SELF	Reported	: 22/5/2023 12:08:42PM
Collected	: 21/5/2023 7:13:00PM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal Path labs Vikas Nagar, Lucknow-226022
Collected at	: MR. AKASH DEEP JAISWAL - (HATHIPUR CC) MOHALL-HATHIPUR, NIGHASAN ROAD, LAKHIMPUR,		

Test Report

Test Name	Results	Units	Bio. Ref. Interval
HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD (HPLC)			
HbA1c	10.6	%	4.00 - 5.60
Estimated average glucose (eAG)	258	mg/dL	

Interpretation as per American Diabetes Association (ADA) Guidelines

Reference Group	Non diabetic adults >=18 years	At risk (Prediabetes)	Diagnosing Diabetes	Therapeutic goals for glycemic control
HbA1c in %	4.0-5.6	5.7-6.4	>= 6.5	<7.0

Note: Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.

FACTORS THAT INTERFERE WITH HbA1C MEASUREMENT	FACTORS THAT AFFECT INTERPRETATION OF HbA1C RESULTS
Hemoglobin variants, elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g., carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements	Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g., recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c





Regd. Office/National Reference Lab: Dr Lal PathLabs Ltd, Block-E, Sector-18, Rohini, New Delhi-110005
 Web: www.lalpathlabs.com, CIN No: L78999DL1999PLC065388

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Test Name	Results	Units	Bio. Ref. Interval
GLUCOSE, FASTING (F), PLASMA (Hexokinase)			
Glucose Fasting	211.00	mg/dL	70 - 100

THYROID PROFILE, TOTAL, SERUM (CLIA)			
T3, Total	0.85	ng/mL	0.60 - 1.81
T4, Total	6.70	µg/dL	4.50 - 11.60
TSH	3.24	µIU/mL	0.35 - 5.50

Note

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4 a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% , hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction (Free, T4 /Free, T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals



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If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.
 Tel: +91-11-3988-5050, E-mail: lalpathlabs@lalpathlabs.com



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