

NucleusLab

Advanced Pathology Diagnostic Laboratory

Report Of

URMILABEN K PATEL

Date: 04/05/2023 Lab No: 2414 Age/Gender: 57 Yrs./F Reg. No:

Referring Dr: DR. SANDIP PATEL - MD MEDICINE

Hb A1C REPORT

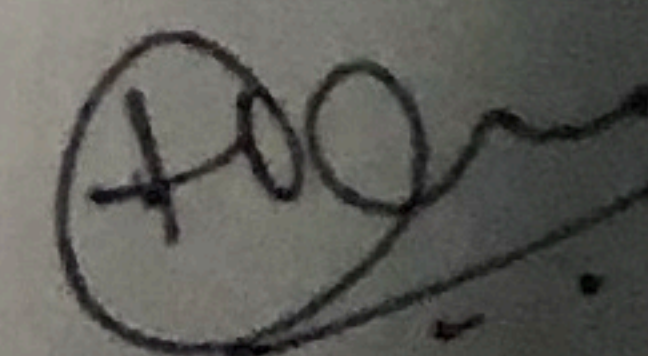
TEST	RESULT	UNIT	REFERENCE INTERVAL
Hb A1C Immunoturbidimetric	8.6	%	Normal: ≤ 5.6 Prediabetes: 5.7-6.4 Diabetes: ≥ 6.5
Mean Blood Glucose Calculated	229	mg/dl	
SAMPLE TYPE	WHOLE BLOOD		

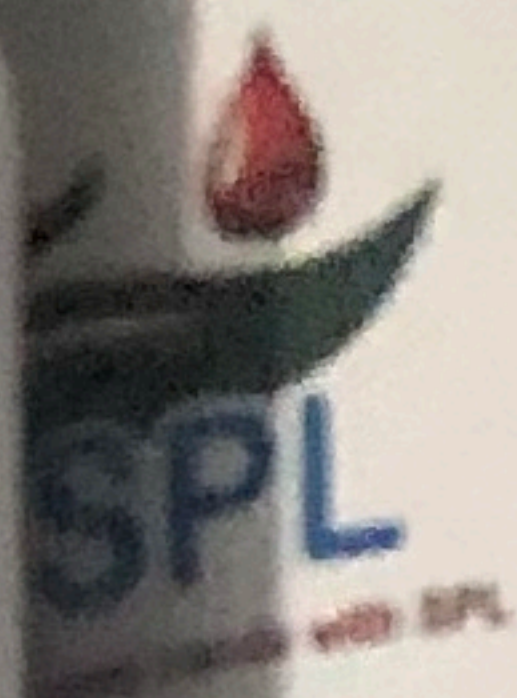
The blood level of glucose is tightly controlled by hormones. One of these hormones, insulin, that is produced in the pancreas is less effective or not produced in sufficient quantity in individuals with diabetes. As a result, the glucose level is higher in individuals with diabetes compared to individuals without diabetes. The excess glucose can bind onto proteins including the most abundant protein in the red blood cells, hemoglobin. The combination is known as hemoglobin A1c. When the hemoglobin A1c level is increased it suggests that the diabetes is not as well controlled as it can be.

Hemoglobin A1c has as its key advantage that it reflects the average control for the previous two months, known as long-term control. The American Diabetes Association recommends that individuals with diabetes be tested at least twice each year for those in good control and quarterly if those whose diabetes is not well controlled or whose therapy has changed.

The level of hemoglobin A1c predicts certain complications of diabetes. A level below 7.0% suggests good control. More stringent goals, i.e., a hemoglobin A1c, $<6\%$, may further reduce complications at the cost of increased risk of hypoglycemia (episodes of too low glucose control).

End of Report.

Dr. Hetal Patel
M.D. Pathology



Shradhdha

PATHOLOGY LABORATORY

Dr. Mehul A. Vakharia
M.B., D.C.P.
Reg. No. G-17519

By URMILABEN P. PATEL
SELF

Age/Sex : 65 Yrs./F
Date : 15/08/2023
Report ID. : 1583

BLOOD GLUCOSE ANALYSIS

	RESULT	UNIT	REFERENCE INTERVAL
<u>FASTING</u>			
Blood Glucose	↑ : 223.0	mg/dL	70 - 110 mg/dL
Urine Glucose	⊕ : PRESENT (+)		
<u>POST-PRANDIAL (PPBS)</u>			
Blood Glucose	↑ : 291.0	mg/dL	80 - 140 mg/dL
Urine Glucose	⊕ : PRESENT (++)		

Done By Auto Analyzer MICRO LAB - RX 50)

End Of Report

Signature

For Reference

Reports are subject to technical limitation and should be clinically co-related. "SPL" may be contacted whenever required.

Shop No. 6, Modern Shoppee, Opp. Vijay Dairy, Palanpur Patiya, Rander Road, Surat. M: 8980019110, 8980019020

BRANCH : Shop No. 6, Prathana Residency, Cross Road, Amroli, Surat. M. : 90999 07180, 90999 07181

Time : 8.00 am to 10-00 pm Sunday : 8.00 am to 1.30 pm