

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. PL05	Billing Date : 07/07/2023 12:30:36
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012905	Report Released on : 14/07/2023 20:30:08
Accession No : 10002304961	Barcode No. : 10002304961-02, 10002304961-03, 10002304961-01
Referring Doctor : Self	Ref no. :
Referred By :	

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
Diabescreeen			
Fasting Plasma Glucose <i>Sample: Fluoride Plasma - F</i> <i>Method: Hexokinase</i>	102 H	74 - 99	mg/dL
Glucose Post-Prandial <i>Sample: Fluoride Plasma - PP</i> <i>Method: Hexokinase</i>	110	Normal : 70-140 Impaired Glucose Tolerance : 141-199 Diabetes : >200	mg/dL
HbA1C (Glycosylated Hemoglobin)			
HbA1c <i>Sample: Whole Blood EDTA</i> <i>Method: High Performance Liquid Chromatography (HPLC)</i>	3.6	Non Diabetic : < 5.7 % Prediabetic Range : 5.7 - 6.4 % Diabetic Range : >= 6.5 % Goal of Therapy : <7.0 % Action suggested : >8.0 %	%
Mean Plasma Glucose <i>Sample: Whole Blood EDTA</i> <i>Method: Calculated</i>	56.6	<116.0	mg/dL

Glucose Post-Prandial

COMMENTS / INTERPRETATION:

Any of the following results, confirmed on a subsequent day, can be considered diagnostic for diabetes:

- Fasting plasma or serum glucose \geq 126 mg/dL after an 8-hour fast
- 2-Hour plasma or serum glucose \geq 200 mg/dL during a 75-gram oral glucose tolerance test (OGTT)
- Random glucose \geq 200 mg/dL, plus typical symptoms

Patients with "impaired" glucose regulation are those whose fasting serum or plasma glucose fall between 101 and 126 mg/dL, or whose 2-hour value on oral glucose tolerance test fall between 140 and 199 mg/dL. These patients have a markedly increased risk of developing type 2 diabetes and should be counseled for lifestyle changes and followed up with more testing.

HbA1C (Glycosylated Hemoglobin)

10002304961 Mr. PL05



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Clinical Significance :

Hemoglobin A1c (HbA1c) level reflects the mean glucose concentration over the previous period (approximately 8-12 weeks) and provides a much better indication of long-term glycemic control than blood and urinary glucose determinations. American Diabetes Association (ADA) include the use of HbA1c to diagnose diabetes, using a cutpoint of 6.5%. The ADA recommends measurement of HbA1c 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to assess whether a patient's metabolic control has remained continuously within the target range. Falsely low HbA1c results may be seen in conditions that shorten erythrocyte life span. and may not reflect glycemic control in these cases accurately.

** End of Report**



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Senior Consultant

