



Associate : KNR / 12
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Age / Gender : 39Y/FEMALE
ID Number : MSL/189239/B-11169
Referred By : DR. P. CHAUDHURI,

Sample Type : O.S.S.

Received On : 10/02/2022
Reported On : 10/02/2022

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ClinicPro / MEDICITY
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REPORT ON THE EXAMINATION OF BLOOD
(DEPARTMENT OF BIO-CHEMISTRY)

Test Description	Result	Unit	Bio. Ref. Interval
HbA1c (Glycosylated Haemoglobin) By HPLC	4.5	%	Normal/Non-diabetic : < 6 Near Normoglycemic : 6-7 In Good Control : 7-8 Actions Suggested : 8-9 Not in Control : > 9
MBG (Mean Blood Glucose)	63.85	mg/dl	Excellent Control : 90-120 Good Control : 120-180 Action Suggested : 181-210 Panic Value : > 211

Comment:

In patients with uncontrolled diabetes, the % of glycated hemoglobin is substantially higher than in diabetics in good control and in non-diabetics. The determination of a glycated hemoglobin level may therefore also assist in the initial diagnosis of diabetes, or it may be used to indicate the degree of long-term diabetic control in diabetic patients. The significance of a low glycated hemoglobin level has not been established.

Various formulae have been proposed to demonstrate the correlation between the mean blood glucose (MBG) and Hemoglobin A1c (HbA1c). The following is one from Nathan, et al, N Engl J Med (1984).

Instrument Used :: Variant II , BIORAD

End of Report




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