

Name : **JAYA JAYAN**

Age/Sex : 52/F

 SRD No : **KK22901995-**

Referred by:

Sample Coll. at: 07/07/2022 01:02 PM

Ref. No : KK22901995

Institution: COUNTER CASH

Report On : 08/07/2022 12:24 AM

IP/OP/SRF No:

Phone No. : 9961965224

Test Description	Value Observed	Biological Reference
DEPARTMENT OF CLINICAL BIOCHEMISTRY		
C REACTIVE PROTEIN (CRP)	51.8 mg/L	<5.0 mg/L *
GLYCATED HAEMOGLOBIN (HbA1c)	9.4 %	Normal - 4.0 - 5.6% Excellent Control - 5.6 - 6.5 % Good control - 6.6 - 7.0 % Fair control - 7.1 - 8.0 % Unsatisfactory control - 8.1 - 10.0 % Poor Control - > 10.1 %

Notes:

Note-"This test is not under the Nabl Scope"

NOTE :- KINDLY CORRELATE CLINICALLY

Test:- HbA1c

Method:-HPLC (NGSP certified)

Sample:- EDTA Whole blood.

Adult Hb(Hemoglobin) is HbA, which accounts for 97% of total Hb. Glycated Hb is formed by the condensation of Glucose to the Hb. Glycated Hb represents the integrated values for glucose over the preceding 8 to 12 weeks. Among glycated Hb, HbA1c is the major fraction, which is formed by the condensation of glucose to the N-terminal valine residue of beta chain of Hb.

HbA1c is used for the diagnosis and monitoring of diabetes mellitus, and as a measure to assess risk of development of microvascular complications of diabetes mellitus like retinopathy, nephropathy and neuropathy. Each 1% reduction in HbA1c is associated with 37% reduction for risk of microvascular complications, 21% reduction for risk of death, and 14% reduction for risk of myocardial infarction.

HbA1c values are not subjected to wide fluctuations as observed when blood glucose concentration are assayed. That is, HbA1c values are free of preanalytical factors like day to day glucose fluctuations, recent exercise, diet, and acute illness.

Spurious HbA1c levels can be obtained in conditions like hemolytic anemias, hemoglobinopathies, iron deficiency anemia, vitamin deficiencies, renal failure, certain drugs like aspirin, lead poisoning, alcoholism and pure red cell aplasia.

Result is expressed as % of total Hb.

Status : INTERIM REPORT

** End Of Report **

The tests marked with an * are not accredited by
NABL


LITTIMMA ANTONY

lab Technician

Dept Of Biochemistry

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This Report has been digitally signed by system, hence manual signatory is not necessary