



Name : MR MD AL AMIN
 Registration No : MH011582187
 Patient Episode : O00009817109
 Referred By : DR. AJIT KUMAR ROY
 Receiving Date : 26 Dec 2023 14:59
 Nationality : Bangladeshis, DOB: 02/01/1995

Age : 28 Yr(s) Sex : Male
 Lab No : 12231226316
 Collection Date : 26 Dec 2023 14:08
 Reporting Date : 26 Dec 2023 16:50
 Passport No : A11253900

Clinical Laboratory Report**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
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Specimen: EDTA Whole blood

As per American Diabetes Association (ADA) 2010
[<6.5]

HbA1c (Glycosylated Hemoglobin)

6.2

%

HbA1c in %

Non diabetic adults : < 5.7 %

Prediabetes (At Risk) : 5.7 % - 6.4 %

Diabetic Range : > 6.5 %

Methodology

High-Performance Liquid Chromatography (HPLC)

Estimated Average Glucose (eAG)

131

mg/dl

Use :

1. Monitoring compliance and long-term blood glucose level control in patients with diabetes.
2. Index of diabetic control (direct relationship between poor control and development of complications).
3. Predicting development and progression of diabetic microvascular complications.

Limitations :

1. A1C values may be falsely elevated or decreased in those with chronic kidney disease.
2. False elevations may be due in part to analytical interference from carbamylated hemoglobin formed in the presence of elevated concentrations of urea, with some assays.
3. False decreases in measured A1C may occur with hemodialysis and altered red cell turnover, especially in the setting of erythropoietin treatment

References : Rao.L.V., Michael snyder.L. (2021). Wallach's Interpretation of Diagnostic Tests, 11th Edition. Wolterkluwer. Nader Rifai, Andrea Rita Horvath, Carl T. Wittwer. (2018) Teitz Text book of Clinical Chemistry and Molecular Diagnostics. First edition, Elsevier, South Asia.

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This report is based on the specimen/s received. The report may need to be correlated clinically as laboratory investigations are dependent on multiple variables. These results should not be reproduced in part.

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NI PC

Patient Name : MR MO AL AMIN

Age/Sex : 28 Yrs / Male

Episode No. : 000009817109

Hospital No. : MH011582187

Date : 2023-12-26 09:58

Patient Mob. No. : 8981247894

E-mail ID :

Consultant Name : Dr. Ajit Kumar Roy ((MBBS, MD (GEN MED), DM (NEUROLOGY) FICP, FIAN))

KMC Reg No. : 62220

Dept : NEUROLOGY MHB



(2)

Doctor's Notes:

Ble upper limb weakness x 12 yrs.

distal onset, progressive, a/w atrophy.

O/E: -

Distal muscle of both UL weakness.

Sparing of brachio (radial)

poly mini myoclonus ⊕.

Height: _____

Weight: _____

BP: _____

Allergies: _____

Admission Advised

LAB INVESTIGATIONS ADVISED

- | | | | | |
|---|---|--|--|---|
| <input checked="" type="checkbox"/> Complete Blood Counts | <input type="checkbox"/> Urine Routine and Microscopy | <input type="checkbox"/> Calcium - Total | <input type="checkbox"/> C-Reactive Protein | <input checked="" type="checkbox"/> Vit B12 |
| <input type="checkbox"/> TSH | <input type="checkbox"/> HIV I & II Antibody (Rapid Test) | <input type="checkbox"/> Total Vit D | <input type="checkbox"/> Rheumatoid Factor Assay | <input type="checkbox"/> Lipid Profile |
| <input type="checkbox"/> Renal Panel - I - Random | <input type="checkbox"/> Thyroid Profile (T3 T4 TSH) | <input type="checkbox"/> Glucose - Fasting | <input checked="" type="checkbox"/> Creatine Phosphokinase | <input type="checkbox"/> Sr. Creat |
| <input type="checkbox"/> Renal Panel - I - Fasting | <input type="checkbox"/> S. Protein Electrophoresis | <input type="checkbox"/> ESR | <input checked="" type="checkbox"/> Liver Function Test | <input type="checkbox"/> Sr. Uric Acid |
| <input checked="" type="checkbox"/> Hba1C | <input type="checkbox"/> Peripheral Smear | <input type="checkbox"/> S. ACE | <input type="checkbox"/> Prothrombin Time | <input type="checkbox"/> ANA (IF) |
| <input type="checkbox"/> ANCA (IF) - M0006 | <input type="checkbox"/> S. Homocysteine | <input type="checkbox"/> SGOT (Ast) | <input type="checkbox"/> SGPT (Alt) | <input type="checkbox"/> Ferritin |

Other Lab Investigations (-1) cat