

LABORATORY REPORT

Name	: ATIQUR RAHMAN	File. No.	: AAL02-1464404
DOB/Gender	: 20-07-1982 (43 Yrs 27 Days/Male)	Referral Doctor	: Dr. Amaizah Ishtiaq
Lab No.	: 22252280121	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 16-08-2025 14:18:56	Clinic File No	: 43018
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.86	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.7	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.7	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	87.9	fl	83.0 - 101.0	Calculation
MCH	30.2	pg	27-32	Calculation
MCHC	34.4	g/dL	31.5 - 34.5	Calculation
Platelet Count	251	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.65	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	59.1	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	30.5	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.1	%	2.0-10.0	Flow Cytometry
Eosinophils	2.4	%	1 - 6	Flow Cytometry
Basophils	0.9	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.53	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.33	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.54	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.18	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.10	Calculation

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2022 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertain only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

Patient Sample Collected On : 16-08-2025 08:00:00
Authenticated On : 16-08-2025 19:00:56

Received On : 16-08-2025 15:53:00
Released On : 16-08-2025 19:20:15



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	4.65	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

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**RENAL FUNCTION PANEL (FASTING)
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Albumin	4.89	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	24.70	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.47	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	104.10	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.82	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				
Glucose (Fasting)	95.50	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Fluoride Plasma				
Phosphorous	4.47	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Sodium	140.10	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	5.05	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	50.60 ^H	mg/dL	12.86 - 42.86	Urease/GLDH

Please note Reference Range Reviewed w.ef 15/10/23

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

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Sample Type : Serum

----- End Of Report -----

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