

LABORATORY REPORT

Name	: HAMID MAHMOOD	File. No.	: AAL02-374416
DOB/Gender	: 15-12-1990 (34 Yrs 5 Month 20 Days/Male)	Referral Doctor	: Dr. Aisha Umer
Lab No.	: 22251490154	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 29-05-2025 14:20:32	Clinic File No	: 42388
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.98^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.6	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.2	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	77.3^L	fl	83.0 - 101.0	Calculation
MCH	24.4^L	pg	27-32	Calculation
MCHC	31.6	g/dL	31.5 - 34.5	Calculation
Platelet Count	310	10 ³ /uL	150 - 400	HF (DCD)
WBC	8.67	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	57.3	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	32.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.8	%	2.0-10.0	Flow Cytometry
Eosinophils	3.0	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.97	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.81	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.59	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.26	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening.
Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

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 : 28-05-2025 21:50:00
Authenticated On : 29-05-2025 16:00:27

Received On : 29-05-2025 14:30:00
Released On : 29-05-2025 16:07:17

Wasik

Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	8.71^H	%	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 .

Remarks:

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

Sample Type : EDTA WB

Glucose (Fasting)	144.00^H	mg/dL	70 - 100	HK/G-6-PDH
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Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Fluoride Plasma

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

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