

LABORATORY REPORT

Name	: ABDUL KABIR ABDUL NASEER AWAN	File. No.	: AAL02-400807
DOB/Gender	: 01-01-1994 (30 Yrs 9 Month 15 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22242820205	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 08-10-2024 14:58:15	Clinic File No	: 33345
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.97 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.8 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	40.1	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	57.5 ^L	fl	83.0 - 101.0	Calculation
MCH	18.4 ^L	pg	27-32	Calculation
MCHC	31.9	g/dL	31.5 - 34.5	Calculation
Platelet Count	333	10 ³ /uL	150 - 400	HF (DCD)
WBC	9.09	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	36.8 ^L	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	46.5 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.5	%	2.0-10.0	Flow Cytometry
Eosinophils	10.3 ^H	%	1 - 6	Flow Cytometry
Basophils	0.9	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.34	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	4.23 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.50	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.94 ^H	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.08	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	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.

These tests are accredited under ISO 15189:2012 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 : 08-10-2024 09:40:00
Authenticated On : 08-10-2024 16:01:58

Received On : 08-10-2024 15:09:00
Released On : 08-10-2024 16:25:41

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Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Iron	64.70	µg/dL	33 - 193	Colorimetric-FerroZine

Serum iron levels can show a diurnal variation. Iron (non-heme) measurements are used in the diagnosis and treatment of diseases such as iron deficiency anemia, hemochromatosis and chronic renal disease. Please note Reference Range Reviewed w.ef 15/10/23 .

Total Iron Binding Capacity (TIBC)	349.70	ug/dL	250.0 - 460.0	Ferrozine-Calculation
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In iron deficiency anemia the TIBC is elevated and the transferrin saturation is lowered to 15 % or less. Low serum iron associated with low TIBC is characteristic of the anemia of chronic disorders, malignant tumors, and infections. Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : Serum

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

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