

LABORATORY REPORT

Name	: MAZEN ADAM MAHIL MOHAMMED	File. No.	: AAL02-427987
DOB/Gender	: 19-09-1992 (32 Yrs 2 Month 11 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22243350175	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 30-11-2024 14:56:08	Clinic File No	: 43941
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.39	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	16.2	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.4	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	86.1	fl	83.0 - 101.0	Calculation
MCH	30.1	pg	27-32	Calculation
MCHC	34.9 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	222	10 ³ /uL	150 - 400	HF (DCD)
WBC	3.29 ^L	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	29.8 ^L	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	57.8 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	10.0	%	2.0-10.0	Flow Cytometry
Eosinophils	1.8	%	1 - 6	Flow Cytometry
Basophils	0.6	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	0.98 ^L	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.90	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.33	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.06	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

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 15189:2012 unless specified by (*)

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

Test results pertains 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 : 29-11-2024 10:13:00
Authenticated On : 30-11-2024 15:56:44
Printed On : 30-11-2024 22:12:51

Received On : 30-11-2024 14:56:00
Released On : 01-12-2024 11:00:44
Reprinted On : 01-12-2024 11:01:16

Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Iron	58.20	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)	343.20	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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Laboratory Director
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Wasik Hasan Tisekar
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