LABORATORY REPORT

Name	: **ABDULLAH ALI**	File. No.	: **AAL02-439059**
DOB/Gender	: **08-02-2023 (2 Yrs 27 Days/Male)**	Referral Doctor	: **Dr. Bushra Naymat**
Lab No.	: **22250510303**	Referral Clinic	: **Citicare Medical Center LLC**
Request Date	: **20-02-2025 19:46:51**	Clinic File No	: **41033**
Insurance	: **NEXTCARE**		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL				
RBC	**5.69** H	10^12/L	4.00 - 5.20	Hydrodynamic focusing (DC Detection)
Haemoglobin	**9.2** L	g/dl	11.0 - 14.0	Photometry-SLS
HCT	**30.6** L	%	34.0 - 40.0	Hydrodynamic focusing (HF)
MCV	**53.8** L	fl	75.0 - 87.0	Calculation
MCH	**16.2** L	pg	24.0 - 30.0	Calculation
MCHC	**30.1** L	g/dL	31.0 - 37.0	Calculation
Platelet Count	439	10^3/uL	200 - 490	HF (DCD)
WBC	10.86	10^3/uL	5.00 - 15.00	Flow Cytometry
DIFFERENTIAL COUNT (%)				
Neutrophils	37.0	%	15.0 - 80.0	Flow Cytometry
Lymphocytes	49.7	%	45.0 - 70.0	Flow Cytometry
Monocytes	7.3	%	2.0 - 10.0	Flow Cytometry
Eosinophils	5.6	%	1.0 - 8.0	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
DIFFERENTIAL COUNT (ABSOLUTE)				
Neutrophils (Absolute)	4.02	10^3/uL	1.50 - 8.00	Calculation
Lymphocytes (Absolute)	**5.40** L	10^3/uL	6.00 - 9.00	Calculation
Monocytes (Absolute)	0.79	10^3/uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.61	10^3/uL	0.10 - 1.00	Calculation
Basophils (Absolute)	0.04	10^3/uL	< 0.15	Calculation
Band Forms (Absolute)	0.00	10^3/uL	< 0.9	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 15189:2022 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 : 20-02-2025 08:58:00
Authenticated On : 20-02-2025 22:12:22
Received On : 20-02-2025 19:47:00
Released On : 20-02-2025 22:28:54

Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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Lab No.	: **22250510303**	Referral Clinic	: **Citicare Medical Center LLC**
Request Date	: **20-02-2025 19:46:51**	Clinic File No	: **41033**
Insurance	: **NEXTCARE**		

Test Name	Result	Units	Ref. Range	Method

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Ferritin	7.00	ng/mL	7-140	ECLIA

Ferritin provides a more sensitive, specific and reliable measurement for determining iron deficiency at an early stage. Ferritin measurements in combination with other parameters is useful in determining the rate and degree of body iron overload in such disorders as thalassemia, sideroblastic anemia and in determining the response of patients treated with iron chelators. In chronic inflammatory disorders, infections, and in chronic renal failure, there is a disproportionate increase in serum ferritin levels in relation to iron stores. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration Please note Reference Range Reviewed w.ef 14/12/23 .

Sample Type : Serum

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

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