

LABORATORY REPORT

Name : **SHANNON MIRANDA JOAQUIM MARIANO MIRANDA** File. No. : **AAL02-416823**
DOB/Gender : **22-10-1994 (29 Yrs 11 Month 4 Days/Female)** Referral Doctor : **Dr. Humaira Mumtaz**
Lab No. : **22242700304** Referral Clinic : **Citicare Medical Center LLC**
Request Date : **26-09-2024 19:58:42** Clinic File No : **44325**
Insurance : **ALMADALLAH HEALTHCARE MANAGEMENT**

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Iron	103.00	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)	370.00	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

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 : 26-09-2024 17:29:00
Authenticated On : 26-09-2024 22:36:14

Received On : 26-09-2024 20:00:00
Released On : 26-09-2024 22:39:33



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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**ELECTROLYTES PANEL (NA,K,CL,HCO3)
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Sodium	139.20	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.				
Chloride (serum)	107.70^H	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Total CO2 (Bicarbonate)	21.90^L	mmol/L	22.0 - 29.0	PEP Carboxylase

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 : Serum

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

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