

LABORATORY REPORT

Name	: MA LENINA FLORES	File. No.	: DML02-273438
DOB/Gender	: 02-10-1987 (37 Yrs 7 Month 7 Days/Female)	Referral Doctor	: Dr. Aisha Umer
Lab No.	: 22251170151	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 27-04-2025 15:05:55	Clinic File No	: 46147
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.19	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.6	g/dl	12.0 - 15.0	Photometry-SLS
HCT	38.4	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	91.6	fl	83.0 - 101.0	Calculation
MCH	30.1	pg	27-32	Calculation
MCHC	32.8	g/dL	31.5 - 34.5	Calculation
Platelet Count	341	10 ³ /uL	150-400	HF (DCD)
WBC	7.10	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	49.1	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	37.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.9	%	2-10	Flow Cytometry
Eosinophils	4.1	%	1 - 6	Flow Cytometry
Basophils	0.6	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.49	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.65	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.63	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.29	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation

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 : 26-04-2025 21:40:00
Authenticated On : 27-04-2025 17:53:57

Received On : 27-04-2025 15:09:00
Released On : 27-04-2025 17:59:27



Rhea Suberon
Medical Laboratory Technician
DHA-P-0123639

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Microalbumin	4.05	mg/L	Please see comment	Immunoturbidimetric

Kindly note that no normal range is given for Microalbumin of Spot Urine Sample, and the normal range of 24 hrs collection is (less than 30 mg/day).

To evaluate the diagnostic performance of the micro-albumin measurements in urine sample, it is suggested to request one of the following:

- Microalbumin - 24 hrs
- Microalbumin/Creatinine Ratio - Spot Urine

Due to variability in urinary albumin excretion, atleast two of three results measured within 6 months should show elevated levels before a patient is designated as having microalbuminuria.

Exercise within 24 hrs, infection, fever, congestive heart failure, marked hyperglycemia and marked hypertension may elevate urinary albumin excretion over baseline values.

Sample Type : Random Urine

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
Free T3 (Tri-iodothyronine - Free)	3.57	pg/mL	2.0 - 4.4 Pregnancy: 1st Trimester: 2.5 - 3.9 2nd Trimester: 2.1 - 3.6 3rd Trimester: 2.0 - 3.3	ECLIA

Conversion Formula: (Concentration in pg/mL) x (1.536) = pmol/L. This free fraction represents the physiologically active thyroid hormone. Free T3 is typically elevated to a greater degree than free thyroxine (T4) in Graves' disease. Free T3 is also important in monitoring patients on anti-thyroid therapy where treatment is focused on reducing the T3 production and the T4 conversion to T3. Please note Reference Range Reviewed w.ef 15/10/23

Free T4 (Thyroxine- Free)	1.20	ng/dL	0.92 - 1.68 Pregnancy: 1st Trimester: 0.9 - 1.5 2nd Trimester: 0.8 - 1.3 3rd Trimester: 0.7 - 1.2	ECLIA
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Conversion Formula: (Concentration in ng/dL) x (12.87) = pmol/L. Free T4 values may provide the best indication of thyroid dysfunction, since free T4 is less sensitive to changes in the serum binding proteins. Free T4 levels are elevated to a greater degree than free T3 in toxic multinodular goiter and excessive T4 therapy. Please note Reference Range Reviewed w.ef 15/10/23

TSH (Thyroid Stimulating Hormone)	2.6500	μIU/mL	0.27-4.20 Pregnancy: 1st Trimester: 0.33 - 4.59 2nd Trimester: 0.35 - 4.10 3rd Trimester: 0.21 - 3.15	ECLIA
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Conversion Formula: (Concentration in IU/ mL) x (1.0) = mIU/L. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : Serum

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

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