

LABORATORY REPORT

Name	: ROXANNE SERENA	File. No.	: AAL02-427105
DOB/Gender	: 30-10-1996 (28 Yrs 1 Month 26 Days/Female)	Referral Doctor	: Dr. Mohammed M Hamed Hashish
Lab No.	: 22243300352	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 25-11-2024 18:32:50	Clinic File No	: 44344
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.39	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.1	g/dl	12.0 - 15.0	Photometry-SLS
HCT	40.0	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	91.1	fl	83.0 - 101.0	Calculation
MCH	29.8	pg	27-32	Calculation
MCHC	32.8	g/dL	31.5 - 34.5	Calculation
Platelet Count	344	10 ³ /uL	150-400	HF (DCD)
WBC	11.83 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	51.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	43.0 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.0	%	2-10	Flow Cytometry
Eosinophils	1.0	%	1 - 6	Flow Cytometry
Basophils	0.0	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	6.03	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	5.09 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.59	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.12	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.00 ^L	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 : 25-11-2024 10:30:00
Authenticated On : 25-11-2024 22:16:10

Received On : 25-11-2024 18:34:00
Released On : 25-11-2024 22:32:13



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	3.4800	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

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 .

Testosterone - Total	0.350	ng/mL	0.084 - 0.481	ECLIA
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Conversion Formula: (Concentration in ng/mL) x (3.47) = nmol/L. In men, testosterone is synthesized almost exclusively by the Leydig cells of the testes. In women, small quantities of testosterone are formed in the ovaries, adrenal gland, and peripheral fatty tissues, and it has a serum concentration that is approximately 10 times less than in males. 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 15/10/23 .

Sample Type : Serum

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

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