

LABORATORY REPORT

Name	: REEM MHD BASSAM	File. No.	: AAL02-417299
DOB/Gender	: 05-09-1983 (41 Yrs 24 Days/Female)	Referral Doctor	: Dr. Mohammed M Hamed Hashish
Lab No.	: 22242730224	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 29-09-2024 17:08:48	Clinic File No	: 44283
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	3.90	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	11.3 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	34.3 ^L	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	87.9	fl	83.0 - 101.0	Calculation
MCH	29.0	pg	27-32	Calculation
MCHC	32.9	g/dL	31.5 - 34.5	Calculation
Platelet Count	299	10 ³ /uL	150-400	HF (DCD)
WBC	7.62	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	55.2	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	30.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	12.5 ^H	%	2-10	Flow Cytometry
Eosinophils	0.8 ^L	%	1 - 6	Flow Cytometry
Basophils	1.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.21	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.31	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.95	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.06	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.09	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 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 : 28-09-2024 22:00:00

Authenticated On : 29-09-2024 19:55:14

Received On : 29-09-2024 17:09:00

Released On : 29-09-2024 19:56:10

Wasik

Wasik Hasan Tisekar

Laboratory Technician

DHA-P-0039673

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
*Calcium - Ionized (Free) Sample Type : Serum	4.29	mg/dL	4.00 - 5.60	Calculation

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	3.8100	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 .

Sample Type : Serum

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

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