

LABORATORY REPORT

Name	: MANNU KUSHWAHA PURAN KUSHWAHA	File. No.	: AAL02-418625
DOB/Gender	: 16-10-1985 (39 Yrs 3 Month 29 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22250450338	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 14-02-2025 22:00:58	Clinic File No	: 44419
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.86	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.6	g/dl	13.0 - 17.0	Photometry-SLS
HCT	41.5	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	85.4	fl	83.0 - 101.0	Calculation
MCH	30.0	pg	27-32	Calculation
MCHC	35.2 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	203	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.29	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	52.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	38.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.4	%	2.0-10.0	Flow Cytometry
Eosinophils	0.8 ^L	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.85	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.80	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.54	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.06	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	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 15189:2022 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 : 14-02-2025 14:25:00
Authenticated On : 14-02-2025 23:41:37

Received On : 14-02-2025 22:01:00
Released On : 14-02-2025 23:46:53



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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Lab No. : **22250450338** Referral Clinic : **Citicare Medical Center LLC**
Request Date : **14-02-2025 22:00:58** Clinic File No : **44419**
Insurance : **NAS ADMINISTRATION SERVICES LTD**

HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
Free T3 (Tri-iodothyronine - Free)	3.00	pg/mL	2 - 4.4	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

TSH (Thyroid Stimulating Hormone)	7.5400^H	μIU/mL	0.270 - 4.20	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 .

Remarks:

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Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	199.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	241.00 ^H	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	42.50	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	127.00	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	29.50	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.68 ^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Remarks:

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Sample Type : Serum

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

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