

LABORATORY REPORT

Name	: TABASSAM SHAHZAD MUHAMMAD LATIF	File. No.	: AAL02-350343
DOB/Gender	: 14-06-1987 (36 Yrs 8 Month 12 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240570399	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 26-02-2024 22:01:28	Clinic File No	: 40762
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.70	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.9 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	39.5 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	84.0	fl	83.0 - 101.0	Calculation
MCH	27.4	pg	27-32	Calculation
MCHC	32.7	g/dL	31.5 - 34.5	Calculation
Platelet Count	362	10 ³ /uL	150 - 400	HF (DCD)
WBC	12.70 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	64.4	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	28.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.7	%	2.0-10.0	Flow Cytometry
Eosinophils	1.4	%	1 - 6	Flow Cytometry
Basophils	0.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	8.19 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.59 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.72	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.18	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	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 : 26-02-2024 20:00:00
Authenticated On : 26-02-2024 23:29:33

Received On : 26-02-2024 22:07:00
Released On : 26-02-2024 23:37:49



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/
241430

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	5.79^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

C-Reactive Protein (CRP)	1.14	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay
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CRP is an acute phase protein whose concentration rises non -specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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LIPID PROFILE I CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol	210.00	mg/dL	Desirable: < 200 Borderline: 200-239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	197.00 ^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	40.50	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	158.00 ^H	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	11.50	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	5.19 ^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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