

LABORATORY REPORT

Name	: EMRUL MOJIB	File. No.	: AAL02-337626
DOB/Gender	: 01-10-1983 (39 Yrs 10 Month 21 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22232330416	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 21-08-2023 22:00	Clinic File No	: 38030
Insurance	: AXA INSURANCE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.05	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.1	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.0	%	40.0 - 50.0	Hydrodynamic focusing
MCV	89.1	fl	83.0 - 101.0	Calculation
MCH	29.9	pg	27-32	Calculation
MCHC	33.6	g/dL	31.5 - 34.5	Calculation
Platelet Count	235	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	10.86 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	62.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	25.6	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.0	%	2.0-10.0	Flow Cytometry
Eosinophils	5.1	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	6.84	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.78	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.65	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.55 ^H	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.

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

H/L Collected On : 21-08-2023 19:00:00
Authenticated On : 21-08-2023 23:31:42
Printed On : 22-08-2023 11:20:10

Received On : 21-08-2023 22:04:00
Released On : 21-08-2023 23:41:18



Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	67.46^L	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH
<i>Sample Type : Fluoride Plasma</i>				
CRP - quant (serum)	1.80	mg/L	< 5.0	Immunoturbidimetric

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 (serum)	169.4	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	922.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	27.1^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	59.6	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	184.4^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	6.3^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Remarks:

Due to high Triglycerides levels, a confirmation test is required with a fresh sample. It is advised to repeat the test after one week combined with abstaining from oily, fatty, dairy food as well as nuts. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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

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