

LABORATORY REPORT

Name	: HEBA MOMTAZ	File. No.	: AAL02-386231
DOB/Gender	: 24-09-1979 (44 Yrs 6 Month 10 Days/Female)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22240940379	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 03-04-2024 22:04:19	Clinic File No	: 42850
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.07 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.6	g/dl	12.0 - 15.0	Photometry-SLS
HCT	42.7	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	84.2	fl	83.0 - 101.0	Calculation
MCH	28.8	pg	27-32	Calculation
MCHC	34.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	222	10 ³ /uL	150-400	HF (DCD)
WBC	5.17	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	49.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	41.6 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.8	%	2-10	Flow Cytometry
Eosinophils	1.5	%	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)	2.57	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.15	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.35	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.08	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 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 : 03-04-2024 20:00:00
Authenticated On : 04-04-2024 00:34:22

Received On : 03-04-2024 22:16:00
Released On : 04-04-2024 01:12:35



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/
241430

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RENAL FUNCTION PANEL (FASTING) CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Albumin	4.67	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	19.80 ^L	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.84	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	101.00	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.52	mg/dL	0.50-0.90	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Phosphorous	3.73	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Sodium	138.10	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	4.61	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	32.90	mg/dL	12.86 - 42.64	Urease/GLDH

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	265.00^H	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	622.00^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	37.10^L	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	100.90^H	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	7.14^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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