

LABORATORY REPORT

Name	: JANET ANYANGO AMAKOYE	File. No.	: AAL02-380541
DOB/Gender	: 11-05-1974 (50 Yrs 8 Days/Female)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22241400268	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 19-05-2024 17:16:09	Clinic File No	: 42671
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.98 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.9	g/dl	12.0 - 15.0	Photometry-SLS
HCT	44.4	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	74.2 ^L	fl	83.0 - 101.0	Calculation
MCH	23.2 ^L	pg	27-32	Calculation
MCHC	31.3 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	377	10 ³ /uL	150-400	HF (DCD)
WBC	7.47	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	44.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	43.1 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	10.4 ^H	%	2-10	Flow Cytometry
Eosinophils	1.7	%	1 - 6	Flow Cytometry
Basophils	0.8	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.28	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.22 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.78	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.13	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.06	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening.
Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

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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 : 19-05-2024 12:00:00
Authenticated On : 19-05-2024 19:53:08

Received On : 19-05-2024 17:19:00
Released On : 19-05-2024 20:27:45

Wasik

Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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

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ELECTROLYTES PANEL (NA,K,CL,HCO3) CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Sodium	144.60	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	5.08	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Chloride (serum)	105.30	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Total CO2 (Bicarbonate)	27.60	mmol/L	22.0 - 29.0	PEP Carboxylase

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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HEPATIC FUNCTION PANEL WITH AG RATIO (LIVER FUNCTION TEST)
CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.36	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Bilirubin - Direct	0.21	mg/dL	0.00-0.5	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	103.00	U/L	35-104	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	16.90	U/L	10.0 - 35.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	16.90	U/L	10 - 35	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	7.22	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	4.34	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.88	g/dL	2.50 - 3.50	Calculation
*Albumin/Globulin Ratio	1.51	Ratio	1.10 - 2.50	Calculation

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	187.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	59.00	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	72.80	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	101.00	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	13.20	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	2.57	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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

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