

LABORATORY REPORT

Name	: AISHA NOREAN	File. No.	: AAL02-383815
DOB/Gender	: 01-07-1982 (41 Yrs 8 Month 20 Days/Female)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22240810371	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 21-03-2024 21:38:21	Clinic File No	: 42797
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.25	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.5	g/dl	12.0 - 15.0	Photometry-SLS
HCT	37.2	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	87.5	fl	83.0 - 101.0	Calculation
MCH	29.4	pg	27-32	Calculation
MCHC	33.6	g/dL	31.5 - 34.5	Calculation
Platelet Count	366	10 ³ /uL	150-400	HF (DCD)
WBC	9.72	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	49.4	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	36.7	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.9	%	2-10	Flow Cytometry
Eosinophils	6.3 ^H	%	1 - 6	Flow Cytometry
Basophils	0.7	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.80	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.57 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.67	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.61 ^H	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED

ESR (whole blood)	22 ^H	mmhr	up to 15	Modified Westergren
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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 : 21-03-2024 20:00:00
Authenticated On : 21-03-2024 23:10:24

Received On : 21-03-2024 21:53:00
Released On : 21-03-2024 23:10:38



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/
241430

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Test Name	Result	Units	Ref. Range	Method
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Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	2.59	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay

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

Troponin T (Quantitative)	<0.0030	ng/mL	< 0.014 : Healthy Individuals Risk Stratification in Asymptomatic Individuals <0.005 : Low Risk >=0.005 to <=0.010 : Moderate >0.010 : High	ECLIA
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Conversion Formula: (Concentration in pg/mL) x (0.001) = ng/mL. Values should be correlated with the clinical findings and ECG picture along with CKMB (Mass) and Myoglobin levels, before ruling out AMI. A sequential follow-up of Troponin T levels is recommended 1 hours post onset of symptoms / post admission for suspected AMI cases. Diagnostic criteria for AMI is defined as > 0.014 ng/ml. 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	185.00	mg/dL	Desirable: < 200 Borderline: 200-239 High: ≥ 240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	83.30	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: ≥ 500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	58.60	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	120.00	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160 - 189 Very High: ≥ 190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
**VLDL	6.40	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	3.16	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

Sample Type : Serum

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

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