

LABORATORY REPORT

Name	: MUHAMMED RAFI CHERU KUTTY	File. No.	: AAL02-136356
DOB/Gender	: 23-08-1986 (37 Yrs 8 Month 11 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22241030168	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 12-04-2024 17:14:15	Clinic File No	: 41693
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.83^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	16.3	g/dl	13.0 - 17.0	Photometry-SLS
HCT	48.7	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	83.5	fl	83.0 - 101.0	Calculation
MCH	28.0	pg	27-32	Calculation
MCHC	33.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	237	10 ³ /uL	150 - 400	HF (DCD)
WBC	9.36	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	62.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	31.2	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.3	%	2.0-10.0	Flow Cytometry
Eosinophils	0.7^L	%	1 - 6	Flow Cytometry
Basophils	0.3	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	5.84	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.92	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.50	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

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 : 12-04-2024 14:00:00
Authenticated On : 12-04-2024 19:26:10

Received On : 12-04-2024 17:36:00
Released On : 12-04-2024 19:34:39



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/
241430

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	1.91	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

Creatinine (serum)	1.26^H	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
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Please note Reference Range Reviewed w.ef 15/10/23

Troponin T (Quantitative)	0.0060	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

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	263.00^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	221.00^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	31.00^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	191.00^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	41.00^H	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	8.48^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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