

LABORATORY REPORT

Name	: MOHAMMED NASEEF KARINGAPPARA CHOORA	File. No.	: AAL02-370555
DOB/Gender	: 23-10-1997 (26 Yrs 2 Month 21 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22240130178	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 13-01-2024 14:25:18	Clinic File No	: 42206
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.76	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.7 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	38.8 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	81.5 ^L	fl	83.0 - 101.0	Calculation
MCH	26.7 ^L	pg	27-32	Calculation
MCHC	32.7	g/dL	31.5 - 34.5	Calculation
Platelet Count	264	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.48	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	78.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	10.6 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.2	%	2.0-10.0	Flow Cytometry
Eosinophils	0.5 ^L	%	1 - 6	Flow Cytometry
Basophils	0.9	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	5.89	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	0.79 ^L	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.69	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.04	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

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 : 13-01-2024 12:00:00
Authenticated On : 13-01-2024 16:24:32
Received On : 13-01-2024 14:48:00
Released On : 13-01-2024 16:30:37

Prings

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Lab No. : **22240130178** Referral Clinic : **Peshawar(Irham Medical Center)**
Request Date : **13-01-2024 14:25:18** Clinic File No : **42206**
Insurance : **NEXTCARE**

Test Name	Result	Units	Ref. Range	Method
<u>ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED</u>				
ESR (whole blood)	6	mmhr	up to 10	Modified Westergren

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	55.70^H	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

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	232.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	82.20	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	78.50	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	151.00^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	16.44	mg/dL	5.0-30.0	Calculation
**Cholesterol / HDL	2.96	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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