

LABORATORY REPORT

Name	: MUHAMMAD WAQAS KHAN MUHAMMAD ASHFAQ KHAN	File. No.	: AAL02-337606
DOB/Gender	: 12-08-1987 (36 Yrs 10 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232330395	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 21-08-2023 21:41	Clinic File No	: 34682
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.35	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.8	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.9	%	40.0 - 50.0	Hydrodynamic focusing
MCV	85.8	fl	83.0 - 101.0	Calculation
MCH	27.7	pg	27-32	Calculation
MCHC	32.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	224	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	7.64	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	52.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	39.1	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.7	%	2.0-10.0	Flow Cytometry
Eosinophils	0.0 ^L	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.02	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.99	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.59	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.00 ^L	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

ERYTHROCYTE SEDIMENTATION RATE (ESR)

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 : 21-08-2023 19:00:00
Authenticated On : 21-08-2023 23:26:02
Printed On : 22-08-2023 11:12:57

Received On : 21-08-2023 21:41:00
Released On : 21-08-2023 23:29:15

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Test Name	Result	Units	Ref. Range	Method
ESR (whole blood)	11 ^H	mmhr	up to 10	Modified Westergren

Remarks:

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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
CRP - quant (serum)	8.38 ^H	mg/L	< 5.0	Immunoturbidimetric

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 (serum)	213.4^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	284.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	35.8^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	138.3^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	56.8^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	6.0^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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