

LABORATORY REPORT

Name	: GENET MELKA	File. No.	: AAL02-347952
DOB/Gender	: 16-08-1978 (45 Yrs 3 Month 5 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233270144	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 23-11-2023 13:52	Clinic File No	: 38075
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.13	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.1	g/dl	12.0 - 15.0	Photometry-SLS
HCT	37.5	%	36.0 - 46.0	Hydrodynamic focusing
MCV	90.8	fl	83.0 - 101.0	Calculation
MCH	29.3	pg	27-32	Calculation
MCHC	32.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	215	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	10.13 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	77.4	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	13.9 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.1	%	2-10	Flow Cytometry
Eosinophils	1.3	%	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)	7.84 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.41	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.72	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.13	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

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 : 23-11-2023 12:00:00
Authenticated On : 23-11-2023 20:01:21
Printed On : 23-11-2023 21:59:58

Received On : 23-11-2023 17:47:00
Released On : 23-11-2023 20:04:06
Reprinted On : 24-11-2023 17:54:17



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
ERYTHROCYTE SEDIMENTATION RATE (ESR)				
ESR (whole blood)	14	mmhr	up to 15	Modified Westergren

Sample Type : EDTA WB

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LIPID PROFILE I CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	136.5	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
**Triglycerides	68.80	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	62.80	mg/dL	< 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	52.3	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	21.5	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	2.2	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Sample Type : Serum

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

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