

LABORATORY REPORT

Name	: MARIFE GONZALES	File. No.	: AAL02-349844
DOB/Gender	: 16-01-1979 (44 Yrs 8 Month 19 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232780241	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 05-10-2023 15:07:47	Clinic File No	: 41081
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.69	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	9.7 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	33.4 ^L	%	36.0 - 46.0	Hydrodynamic focusing
MCV	71.2 ^L	fl	83.0 - 101.0	Calculation
MCH	20.7 ^L	pg	27-32	Calculation
MCHC	29.0 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	422 ^H	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	9.34	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	66.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	25.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.2	%	2-10	Flow Cytometry
Eosinophils	1.2	%	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)	6.24	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.36	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.58	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.11	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.05	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening.
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 : 05-10-2023 11:00:00 Received On : 05-10-2023 15:19:00
Authenticated On : 05-10-2023 19:55:18 Released On : 05-10-2023 19:55:44



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	104.47	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH

Sample Type : Fluoride Plasma

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	219.5^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	108.0	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	65.0	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	144.8^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	9.7	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.4	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Remarks:

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

Sample Type : Serum

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

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