

LABORATORY REPORT

Name	: IRENE ADAOBI	File. No.	: AAL02-337158
DOB/Gender	: 17-09-1991 (31 Yrs 11 Month 3 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232310440	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 19-08-2023 22:12	Clinic File No	: 37969
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.90 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.6	g/dl	12.0 - 15.0	Photometry-SLS
HCT	38.1	%	36.0 - 46.0	Hydrodynamic focusing
MCV	77.8 ^L	fl	83.0 - 101.0	Calculation
MCH	25.7 ^L	pg	27-32	Calculation
MCHC	33.1	g/dL	31.5 - 34.5	Calculation
Platelet Count	289	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	7.22	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	49.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	42.0 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.0	%	2-10	Flow Cytometry
Eosinophils	1.0	%	1 - 6	Flow Cytometry
Basophils	0.0	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.54	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.03 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.58	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.00 ^L	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

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 : 19-08-2023 21:00:00
Authenticated On : 19-08-2023 23:47:27
Printed On : 20-08-2023 12:36:48

Received On : 19-08-2023 22:14:00
Released On : 19-08-2023 23:50:52



Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Test Name	Result	Units	Ref. Range	Method
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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.
Differential count done manually.

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Urea (serum)	19.02	mg/dL	12.84 - 42.80	Urease

Kindly note new reference range for Urea effective from 31/1/2022

Sample Type : Serum

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LIPID PROFILE I CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	159.1	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	69.0	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	46.4	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	94.8	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	17.9	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.4	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Sample Type : Serum

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

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