

LABORATORY REPORT

Name	: HINA ZAHRA	File. No.	: AAL02-350808
DOB/Gender	: 26-10-1982 (40 Yrs 11 Month 15 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232820348	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 09-10-2023 19:17:25	Clinic File No	: 38431
Insurance	: AXA INSURANCE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	3.90	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	11.7 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	36.2	%	36.0 - 46.0	Hydrodynamic focusing
MCV	92.8	fl	83.0 - 101.0	Calculation
MCH	30.0	pg	27-32	Calculation
MCHC	32.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	277	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	5.63	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	55.3	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	34.1	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.5	%	2-10	Flow Cytometry
Eosinophils	2.7	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.12	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.92	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.42	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.15	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Sample Type : EDTA WB

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 : 09-10-2023 12:00:00 Received On : 09-10-2023 19:20:00
Authenticated On : 09-10-2023 22:22:25 Released On : 09-10-2023 22:23:19



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (whole blood)	5.3	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4* Diabetes: => 6.5**	Enzymatic

* Requires screening by glucose criteria.

** Confirm by repeating the test on a different day.

Kindly note new reference range for HbA1c effective from 7/6/2020.

Sample Type : EDTA WB

Glucose - Fasting	84.13	mg/dL	70 - 100	Hexokinase/G-6-PDH
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According to American Diabetes Association 2010,fasting plasma glucose (FPG) levels of (100-125 mg/dl) are in the increased risk category for diabetes.

Sample Type : Fluoride Plasma

Creatinine (serum)	0.62	mg/dL	0.5 - 1.0	Alkaline Picrate
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Kindly note that the reference range is effective from 17-01-2023.

Urea (serum)	26.02	mg/dL	12.84 - 42.80	Urease
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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)	148.5	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	79.0	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	37.3 ^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	105.8	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	5.5	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.0	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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